

HEALTH SURVEY FOR ENGLAND:1991

CODING INSTRUCTIONS

A HOUSEHOLD SCHEDULE

Household Box

Person no.

Check that this has been ringed for each member of the household,

If there are more than 10 members of the household, extend the grid and continue the Person Numbers from 11 onwards.

Relationship to HOH

Code all members of the household from the following frame:

	<u>SC</u>
Wife (marital status = 1)	01
Cohabitee of HOH - common-law wife (incl wife, Fiancee, girlfriend if marital status = 2)	11
Children of either sex (incl. step or adopted or non-related foster)	02
Son-in-law or daughter-in-law	03
Parents	04
Parents-in-law (ie parents of spouse/cohabitee)	05
Brother or sister (of HOH)	06
Grandchildren (of HOH)	07
Other relatives by blood, marriage or adoption	08
Non relatives (boarder, Friend, housekeeper, son's girlfriend etc)	09

Place the code in the OFFUSE box in line with the relevant person and ring.

If relatives have been legally adopted, code the relationship as children.
eg HOH legally adopts grandchildren, code relationship as 02 not 07.

B INDIVIDUAL SCHEDULE

Q3. Use the coding frame below

Health

GHS CODING FRAME FOR LONGSTANDING ILLNESS

MC Complaint

01 Cancer (neoplasm) including lumps, masses, tumours and growths and benign (non-malignant) lumps and cysts

incl. leukaemia (cancer of the blood)
Hodgkin's disease
Lymphoma
acoustic neuroma
Neurofibromatosis
hereditary cancer
Cancers sited in any part of the body or system eg.
lung cancer, breast cancer, stomach cancer,
skin cancer, bone cancer
All tumours, growths, masses, lumps
and cysts whether malignant or benign eg
tumour on brain, growth in bowel,
growth on spinal cord, lump in breast,
cyst on eye, cyst in kidney.
Wilms tumour
rodent ulcers
sarcomas, carcinomas
mastectomy (nes)
hysterectomy for cancer of womb
colostomy caused by cancer
part of intestines removed (cancer)
after affect of cancer(nes)

Endocrine/nutritional/metabolic diseases and immunity disorders

02 Diabetes -
incl. Hyperglycemia

03 Other endocrine/metabolic -
incl. underactive/overactive thyroid, goitre
hormone deficiency, deficiency of growth hormone, dwarfism
Beckwith - Wiedemann syndrome
Addison's disease
Cushing's syndrome
Gilbert's syndrome
Coeliac disease
phenylketonuria
Cystic fibrosis
AIDS, AIDS carrier, HIV positive
rickets
obesity/overweight
gout
water/fluid retention
hypopotassaemia, lack of potassium
hypercalcemia

Malacia
Wilson's disease
Myxoedema (n.e.s)

NB Thyroid trouble and tiredness - code 03 only
Overactive thyroid and swelling in neck - code 03 only.

MC Mental, behavioural and personality disorders

- 04 Mental illness/anxiety/depression/nerves(nes) -
incl. schizophrenia, manic depressive
senile dementia, forgetfulness, gets confused
nervous breakdown, neurasthenia, nervous trouble
anxiety, panic attacks
stress
nerves (nes)
depression
phobias
autistic child
anorexia nervosa
alcoholism, recovered not cured alcoholic
drug addict
speech impediment, stammer
dyslexia
hyperactive child.
catalepsy
concussion syndrome

NB Alzheimer's disease, degenerative brain disease = code 08

- 05 Mental handicap -
incl. Down's syndrome, mongol
mentally retarded, subnormal

- MC Nervous system (central and peripheral including brain) - not mental illness
- 06 Epilepsy/fits/convulsions -
incl. grand mal, petit mal, Jacksonian fit, blackouts, febrile convulsions, fit(nes)
- 07 Migraine/headaches
- 08 Other problems of nervous system -
incl. Multiple Sclerosis (MS), disseminated sclerosis
Cerebral palsy (spastic)
Spina bifida
Physically handicapped - spasticity of all limbs
hydrocephalus, microcephaly, fluid on brain
Parkinson's disease (paralysis agitans)
Motor neurone disease
muscular dystrophy
Huntington's chorea
Alzheimer's disease
degenerative brain disease
Friedreich's Ataxia
Abscess on brain
Brain damage resulting from infection (eg. meningitis, encephalitis) or injury
injury to spine resulting in paralysis
paraplegia (paralysis of lower limbs)
partially paralysed (nes)
metachromatic leucodystrophy
Myotonic dystrophy
Guillain - Barre syndrome
Myasthenia gravis
syringomyelia
myalgic encephalomyelitis (ME)
post viral syndrome (ME)
Bell's palsy
trigeminal neuralgia
neuralgia, neuritis
carpal tunnel syndrome
sciatica
trapped nerve
numbness/loss of feeling in fingers, hand, leg etc
pins and needles in arm
removal of nerve in arm
shingles
restless legs

MC Eye complaints

09 Cataract/poor eye sight/blindness -

incl. operation for cataracts, now need glasses
bad eyesight/nearly blind because of cataracts
hardening of lens
lens implants in both eyes
bad eyesight, restricted vision, partially sighted
short sighted, long sighted, myopia
trouble with eyes (nes), eyes not good (nes)
blind in one eye, loss of one eye
blindness caused by diabetes
detached/scarred retina
tunnel vision
blurred vision

10 Other eye complaints -

incl. glaucoma
buphthalmos
iritis
retinitis pigmentosa
night blindness
astigmatism
double vision
colour blind
squint, lazy eye
scarred cornea, corneal ulcers
haemorrhage behind eye
dry eye syndrome, trouble with tear ducts, watery eyes
eyes are light sensitive
injury to eye
eye infection, conjunctivitis.
Sty on eye
floater in eye

MC Ear complaints

11 Poor hearing/deafness -

incl. hard of hearing, slightly deaf
conductive/nerve/noise induced deafness
deaf and dumb
otosclerosis
poor hearing after mastoid operation

12 Tinnitus/noises in the ear -

incl. pulsing in the ear

13 Meniere's disease/ear complaints causing balance problems -

incl. labyrinthitis, loss of balance - inner ear
vertigo

14 Other ear complaints -

incl. otitis media glue ear
disorders of Eustachian tube
perforated ear drum (nes)
middle/inner ear problems
mastoiditis
ear trouble (nes), ear problem (wax)
ear aches and discharges
ear infection

MC Complaints of heart, blood vessels and circulatory system

- 15 Stroke/cerebral haemorrhage/cerebral thrombosis -
incl. stroke victim - partially paralysed and speech difficulty
hemiplegia, apoplexy, cerebral embolism,
cerebro - vascular accident
- 16 Heart attack/angina -
incl. coronary thrombosis, myocardial infarction.
- 17 Hypertension/high blood pressure/blood pressure (nes)
- 18 Other heart problems -
incl. heart disease, heart complaint
cardiac problems, heart trouble (nes)
weak heart because of rheumatic fever
hole in the heart
valvular heart disease
Wolff- Parkinson-White syndrome
Aortic stenosis, aorta replacement
pacemaker implant heart failure
pericarditis St Vitus dance
Ischaemic heart disease
mitral stenosis
cardiac diffusion
cardiac asthma
heart murmur, palpitations
tachycardia, sick sinus syndrome
hardening of arteries in heart
tired heart
pains in chest (nes)
dizziness, giddiness, balance problems (nes)
too much cholesterol in blood
- NB Balance problems due to ear complaint = code 13
- 19 Piles/haemorrhoids incl. Varicose Veins in anus.
- 20 Varicose veins/phlebitis in lower extremities -
incl. varicose ulcers, varicose eczema
- 21 Other blood vessels/embolic -
incl. arteriosclerosis, hardening of arteries (nes)
artificial arteries (nes)
arterial thrombosis
thrombosis (nes) Wright's syndrome
blocked arteries in leg Varicose veins in
Raynaud's disease Oesophagus
pulmonary embolism Polyarteritis Nodosa
intermittent claudication
telangiectasia (nes)
blood clots (nes)
Swollen legs and feet
low blood pressure/hypertension
hypersensitive to the cold.
poor circulation
- NB Haemorrhage behind eye = code 10

MC Complaints of respiratory system

- 22 Bronchitis/emphysema -
incl. chronic bronchitis
bronchiectasis
- 23 Asthma -
incl. bronchial asthma, allergic asthma
asthma - allergy to house dust/grass/cat fur
- NB Exclude cardiac asthma - code 18
- 24 Hayfever -
incl. allergic rhinitis
- 25 Other respiratory complaints -
incl. bronchial trouble, chest trouble (nes)
bad chest (nes), weak chest - wheezy
breathlessness
pneumoconiosis, byssinosis, asbestosis and other industrial, respiratory
diseases, pigeon fanciers's lung
lung complaint (nes), lung problems (nes)
damaged lung (nes), lost lower lobe of left lung
lung damage by viral pneumonia
fibrosis of lung
ulcer on lung, fluid on lung
furred up airways, collapsed lung
chest infections, get a lot of colds
recurrent pleurisy
sinus trouble, sinusitis
rhinitis (nes)
catarrh
adenoid problems, nasal polyps
sore throat, pharyngitis
throat trouble (nes), throat irritation
throat infection
tonsillitis
abscess on larynx
coughing fits
allergy to dust/cat fur
paralysis of vocal cords
Croup
- NB TB (pulmonary tuberculosis) - code 37
Cystic fibrosis - code 03
Skin allergy - code 39
Food allergy - code 27
Allergy (nes) - code 41
Pilonidal sinus - code 39
Sick sinus syndrome - code 18
Whooping cough - code 37

If complaint is breathlessness with the cause also stated, code the cause: —

- 9
eg breathlessness as a result of anaemia (code 38)
breathlessness due to hole in heart (code 18)
breathlessness due to angina (code 16)

MC Complaints of the digestive system

- 26 Stomach ulcer/ulcer (nes)/abdominal hernia/rupture -
incl. gastric/duodenal/peptic ulcer
ulcer (nes)
double/inguinal/diaphragm/hiatus/umbilical hernia
hernia (nes), rupture (nes).
- 27 Other digestive complaints (stomach, liver, pancreas, bile ducts, small
intestine - duodenum, jejunum and ileum) -

incl. stomach trouble (nes), abdominal trouble (nes)
indigestion, heart burn, dyspepsia
nervous stomach, acid stomach
inflamed duodenum
weakness in intestines
ileostomy
pancreas problems
throat trouble - difficulty in swallowing
stone in gallbladder, gallbladder problems
liver disease, biliary artesia
cirrhosis of the liver, liver problems
food allergies.
- 28 Complaints of bowel/colon (large intestine, caecum, bowel, colon, rectum) -
incl. colitis, colon trouble, ulcerative colitis
Spastic colon
enteritis
diverticulitis
irritable bowel, inflammation of bowel
polyp on bowel
colostomy (nes)
Crohn's disease
Hirschsprung's disease
frequent diarrhoea, constipation
faecal incontinence/encopresis.
grumbling appendix
- NB exclude piles - code 19
Cancer of stomach/bowel - code 01
- 29 Complaints of teeth/mouth/tongue -
incl. impacted wisdom tooth, gingivitis
ulcers on tongue, mouth ulcers
cleft palate, hare lip
no sense of taste

MC Complaints of genito-urinary system

- 30 Kidney complaints -
 incl. kidney trouble, tube damage, stone in the kidney
 nephritis, pyelonephritis
 chronic renal failure
 uraemia
 renal TB
 horseshoe kidney, cystic kidney
 only one kidney, double kidney on right side
- 31 Urinary tract infection -
 incl. cystitis, urine infection
- 32 Other bladder problems/incontinence -
 incl. weak bladder, bladder complaint (nes)
 bladder restriction
 bed wetting, enuresis
 water trouble (nes).

 NB Prostate trouble - code 33
- 33 Reproductive system disorders -
 incl. endometriosis
 prolapsed womb
 prolapse (nes) if female
 vaginitis, vulvitis, dysmenorrhoea
 gynaecological problems
 menopause
 hysterectomy (nes)
 period problems, flooding, premenstrual tension
 abscess on breast, mastitis, cracked nipple
 damaged testicles
 prostate gland trouble
 impotence, infertility.
 Turner's syndrome
 pelvic inflammatory disease (female)

MC Musculoskeletal - complaints of bones/joints/muscles

34 Arthritis/rheumatism/fibrositis -

incl. arthritis/rheumatism in any part of the body
osteoarthritis, rheumatoid arthritis, polymyalgia rheumatica
psoriasis arthritis (also code psoriasis)
Still's disease
rheumatic symptoms
arthritis as result of broken limb

35 Back problems/slipped disc/spine/neck -

incl. back trouble, lower back problems, back ache
spondylitis, spondylosis
prolapsed intervertebral discs
worn discs in spine - affects legs
damage, fracture or injury to back/spine/neck
curvature of spine
lumbago, inflammation of spinal joint
disc trouble
Schuermann's disease

NB Exclude if damage/injury to spine results in paralysis - code 08
Sciatica - code 08
Trapped nerve in spine - code 08

MC

36 Other problems of bones/joints/muscles -

incl. osteomyelitis
brittle bones, osteoporosis
Pierre Robin syndrome
Paget's disease
Perthe's disease
Schlatter's disease
Sever's disease
dislocations eg dislocation of hip, clicky hip, dislocated knee/finger
fracture, damage or injury to extremities, ribs, collarbone, pelvis, skull,
eg. knee injury, broken leg, gun shot wounds in leg and shoulder, can't
hold left arm out flat - broke it as a child, broken nose,
deviated septum
absence or loss of limb eg lost leg in war, finger amputated, born without
arms
deformity of limbs eg club foot, clawhand, malformed jaw
walk with limp as a result of polio, polio (nes), after affects of polio
(nes)
Systemic sclerosis, myotonia (nes)
disseminated lupus
hip replacement (nes)
hip infection, TB hip
torn muscle in leg, torn ligaments, tendinitis
bad shoulder, bad leg, collapsed knee cap, knee cap removed
cartilage problems
frozen shoulder
aching arm, stiff arm, sore arm muscle
strained leg muscles, pain in thigh muscles
stiff joints, joint pains, contraction of sinews, muscle wastage
Dupuytren's contraction
bursitis, housemaid's knee, tennis elbow
delayed healing of bones or badly set fractures
weak legs, leg trouble, pain in legs
legs won't go, difficulty in walking
cramp in hand
physically handicapped (nes)
flat feet, bunions.
chondrodystrophia
tenosynovitis

NB Muscular dystrophy - code 08

MC37 Infectious and parasitic disease

incl. pulmonary tuberculosis (TB)
tuberculosis of abdomen
sarcoidosis
toxoplasmosis (nes)
viral hepatitis
glandular fever
malaria
typhoid fever
tetanus
venereal diseases
thrush, candida
athlete's foot, fungal infection of nail
ringworm
whooping cough

NB After effect of Poliomyelitis, meningitis, encephalitis - code to site/system
Ear/throat infections etc - code to site

38 Disorders of blood and blood forming organs

incl anaemia, pernicious anaemia
sickle cell anaemia/disease
thalassaemia
haemophilia
purpura (nes)
blood condition (nes), blood deficiency
polycythaemia (blood thickening), blood too thick
removal of spleen.

NB Leukaemia - code 01

MC
39

Skin complaints

incl. eczema
psoriasis, psoriasis arthritis (also code arthritis)
dermatitis
epidermolysis, bulosa
pilonidal sinusitis
impetigo
acne
skin rashes and irritations
skin allergies, leaf rash, angio-oedema
skin ulcer, ulcer on limb (nes)
birth mark
burned arm (nes)
cellulitis (nes)
carbuncles, boils, warts, verruca
corns, callouses
ingrown toenail
chilblains
abscess in groin

NB Rodent ulcer - code 01
varicose ulcer, varicose eczema - code 20

40 other complaints

incl. insomnia
sleepwalking
fainting
adhesions
hair falling out, alopecia
travel sickness
nose bleeds
no sense of smell
dumb, no speech

NB Deaf and dumb - code 11 only.

SC41 Unclassifiable (no other codable complaint)

incl. old age/weak with old age
general infirmity
allergy (nes), allergic reaction to some drugs (nes)
war wound (nes), road accident injury (nes)
tiredness (nes)
generally run down (nes)
weight loss (nes)
after affects of meningitis (nes)
had meningitis - left me susceptible to to other things (nes)
electrical treatment on cheek (nes)
swollen glands (nes)
embarrassing itch (nes)
glass in head - too near temple to be removed (nes)

42 Complaint no longer presentNB Only use this code if it is actually stated that the complaint no longer affects the informant.

Exclude if complaint kept under control by medication - code to site/system.

99 NA/Refusal

15. Q2(a) Ring the no.
Include - Doctor at DHA clinic, eg family planning clinic;
- Doctor abroad
Exclude - social chat with doctor who happens to be a friend.

16. Q.3(a) New SC
Inft. had high B.P. when pregnant only 6

16 Q.4
Include - visits made as a day patient - eg for psychiatric treatment
or for a minor op.
- visits to private hospitals and clinics.
- doctors seen abroad.

Q.5.
An in-patient stay is any stay in hospital for at least one night.

18. Q.8.
Include - doctor or nurse ONLY.
Exclude - other people, eg physiotherapist; fitness assessor at a gym;
machine at the chemist.

18. Q.8(b)

Include answers where the informant had to ask.
Include in code 1 - normal; OK; nothing to worry about.
Include in code 2 - high; raised; mildly raised; moderately raised;
severely raised.

Q.9
Inclusions and exclusions as Q.8 above. If informant had a blood test
but did not know what blood was tested for, precode 3 should be ringed.

Q.10(b) - as Q.8(b)

MEDICAL DIET PAGE 21

21. Include diets recommended by doctor, nurse or dietician only, also by a nutritionist.

Exclude slimming diets unless recommended by a doctor.

Q.2

Include in precode 3 - low saturated fat diet;

- avoidance of whole-fat milk; whole-fat cheese; cream; butter; hard margarines, fat butter, fatty meat.

Include in precode 4 - eat more of bread, chappattis, pitta bread (particularly wholemeal), cereals; fruit, vegetables; peas, beans, lentils; potatoes;

- rice (particularly brown)
- pasta (particularly wholewheat).

'Other diet' answers - leave in precode 5.

eg high protein; commonsense eating; sensible eating, cut out acid food; cut down on everything, avoid dairy products; low sugar diet; low carbohydrate diet; to put weight on, eat lots of bananas for potassium

ACTIVITY AND EXERCISE (PAGE 22)

25 Q.9.

Include - sports done abroad.

- training, practising, refereeing, coaching

Exclude - sports done on a professional basis.

Code 01 - include cycling as a means of transport

- include racing.

- exclude motor cycling.

Codes 02/03 - differentiation between the 2 groups is not important, but make sure that one exercise is not double counted (eg - press-ups included in both code 02 and 03).

Other sports as exercise (specify)

Examine answers recorded, and code from the following frame, entering the single digit code in the OFF USE box and ring.

ACTIVITY AND EXERCISE

Page 25 Q 9

	Code		Code
Absailing	01	Kickboxing	03
Adventure playground	01	Lacrosse	02
Aquarobics	02	Marathon running . . .	02
Archery	01	Martial arts	03
Assault Course	02	Motor sports . . .	01
Back packing . . .	02	Netball . . .	02
Baseball/softball .	01	Post Natal exercise . . .	01
Basketball	02	Power Boat	01
Battle re-enactment . . .	02	Rambling	01
Bowls - indoor, outdoor, crown, green . . .	01	Riding	01
Boxing	03	Roller skating	02
Canal cruising (if inft is responsible for working locks	01	Rounders	01
Canoeing	02	Rowing, incl machine .	02
Circuit training	02	Sailing, incl dingy . . .	01
Climbing	02	Scuba/subaqua diving .	01
Cricket	01	Shooting	01
Croquet	01	Skipping	03
Darts	01	Skirmishing (war games)	02
Diving	01	Skittles	01
Fell walking	01	Snooker	01
Fencing	02	Snorkelling	01
Field Athletics	02	Sumo wrestling	01
Fishing	01	Swing ball	01
Golf	01	Table tennis	01
Hang Gliding	02	Tenpin bowling	01
Hiking	02	Toning table/bed	01
Hitting punch sack	02	Trampolining	03
Hockey	02	Volley ball	02
Ice Skating	02	Walking on jogging machine	01
Juggling	01	" " treadmill	01
Kabadi	01	Weight lifting	04
		Yoga	01

The interest lies in ordinary tobacco which is smoked. Tobacco or tobacco products which are chewed or sucked, snuff, or herbal tobaccos should be ignored. Amend the coding as necessary.

Q.1.

By 'ever smoked a cigarette, a cigar, or a pipe', we mean just one ever in their life.

Q.2.

This is the informant's interpretation of "nowadays".

Q.4.

Check that 2 digits have been entered Ring the digits.
Use code 98 for those who smoke 99 cigarettes or more a day.

Notes

1. Ranges - code the midpoint. Take 'half' to the nearest even number.

2. Hand rolled cigarettes - count 1 oz of tobacco as 40 cigarettes

count 12.5gr of tobacco as 18 cigarettes

count 25gr of tobacco as 36 cigarettes

Only convert ounces to cigarettes if the informant has not given the number of cigarettes smoked.

3. Weekly amounts - if the informant can only give an answer in weekly terms, code 1/7th of the total at Q.4.

27 Q.9 and 9(a)

Exclude - informants who gave up because of a fear of future health conditions (ie lung cancer)

- informants who gave up for reasons of expense, social pressures.

- informants who gave up because they did not want to become addicted to cigarettes.

Page 28 Q.10(a)

Include in code 1 : GPs, consultants, nurses, health visitors, midwives dentists, physiotherapists.

Include in code 2 : Staff at fitness clubs, gyms etc.

DRINKING (PAGE 29)

Units of alcohol are coded by the interviewer during the interview (see interviewer instructions)

"Any other alcoholic drinks" are recoded by the coders as follows

Any other alcoholic drinks

This will not be punched. It is necessary to recode answers into the appropriate drink category eg Compari specified, recode frequency code to Spirits category and delete code in 'Any other alcoholic drinks' category. If the frequency has not been answered accept code at the relevant drinks category, unless that is coded 8 then delete code 8 and leave the frequency blank. In other cases accept the highest frequency code if the code recorded here is different from the one shown at the relevant drinks category eg At 'Any other alcoholic drinks' Compari is specified coded 1, recoded to the Spirits category which is already coded 2, delete code 2, recode to 1 and delete code at 'Any other alcoholic drinks'.

Page 30 Recoding notes

Remember to exclude all non/low alcohol drinks

Shandy category

Exclude: Bottled/canned shandy

Beer Category

Include. Export, Heavy, Black and Tan, Barley Wine, Diabetic Beer, Home Brew Lager, Special Brew Lager, Lager and Lime, Home Brew Beer, Gold Label, Guinness, Pommagne, Stout, Scrumpy.

Exclude. Non alcoholic lagers such as Barbican, Kaliber. Also exclude ginger beer

Spirits Category

Include: Cocktails, Egg Flip, all liqueurs, Snowball, Bacardi, Pernod, Sloe Gin, Pimms, Bourbon, Whiskey Mac, Schnapps, Liqueur (nes), Bluemoon (no expl.) °, Vodka, Rum (and pep), Southern Comfort, Tia Maria, Ouzo/Aniseed, Cherry Brandy, Arak (strong spirit), Irish Velvet, Brandy, 150° Moonshine, Gaelic Coffee, Advocaat, Tequila, Armagnac, Clan Dew, Irish Velvet, Campari, Malibu, Taboo.

Wine category

Include. Punch, Mead, Moussec, Concorde, Champagne, Babycham, Saki, Cherry B, Calypso Orange Perry, Home made wine, Thunderbird.

Exclude: Non alcoholic wines such as Eisberg.

Sherry, Vermouth category

Include: Cinzano, Dubonnet, Bianco, Ricardo, Nolly Prat, Ginger Wine, Home made Sherry, Tonic wine, Sanatogen, Scotsmac and similar British wines fortified with spirits, Port and Lemon.

Please note that home made drinks should be recoded to the appropriate category

Exclude - informants who cut down because of a fear of future health conditions.

- informants who generally felt that it was an unhealthy habit or they wanted to become healthier.

- informant who gave up for reasons like expense, social pressure etc.

Q.7a

Include in code 02 - arteriosclerosis, artherosclerosis, furring, clogging up of the arteries, narrowing of the arteries.

Include in code 1 : GPs, consultants, nurses, health visitors, midwives, dentists, physiotherapists.

Include in code 2 : Staff at fitness clun, gymns etc.

Page 38 Q.2. Interviewer Code

Examine all interviewer comments recorded. Also look at the front cover of the SC schedule - as comments are also written there.

Where necessary, recode from precode 1 or 2 already ringed to the new codes following.

These codes apply where there was more than one person present. If only one person present, codes 1 or 2 or 6 will apply.

	<u>New Code</u>
<u>Code 1 plus interviewer read out questions or translator used due to eyesight problems/language problems/informant unable to read</u>	S.C. 3
<u>Code 2 plus eyesight problems/language problems/informant unable to read</u>	4
<u>Code 2 plus informant could not understand questions/terms</u>	5
<u>Code 1 plus other person overseeing inft. filling in form</u>	6
<u>No booklet present and no interviewer explanation</u> (this may be precoded 2 or blank)	9

MEASUREMENTS (PAGE 47)

Page 47 Q 2(c)

Examine answers recorded at precode 6, recoding where possible into existing precodes or into new code 7

Leave other answers in code 6

New MC

Informant wearing surgical shoes 7
incl. inft. wearing shoes.

Page 48 Q.4(b)

Examine answers recorded at precode 4 *recoding* where possible into existing precodes or into new code 5. Refer any answers remaining to RO

New SC

Not attempted due to faulty scale (Q4=blank) 5

Q 4(d)

New MC

Informant wearing surgical shoes, callipers, 5
surgical corset, cast on limbs etc
incl. inft. wearing shoes

Leave in code 6 'other' answers not recodeable into codes 1-3 or 5

J MEASUREMENT SCHEDULE

Q.5.

USE OF MEDICINES

Code from the following frame ^{see next page} - as a 2 digit code - placing the code in the coding box.

Make sure that the codes are entered in consecutive boxes.

Q13

Examine answers recorded at precode 4, recoding where possible into existing precodes or new codes. Leave remaining answers in precode 4.

New MC

BP measurements taken on left arm because right arm not suitable 8 10
eg right arm deformed; sore; in a cast.

Tight cuff 6 11

Include in code 1 - stress

Q.15(d)

Examine answers recorded and code from the following frame. Extend the coding column (under precode 1 at (d)) and place the code in the column and ring.

Faulty demi-span tape MC 2

BP measured on left arm due to unsuitable right arm - eg deformed; sore; in a cast 3

Cannot straighten arm - incl any part of arm eg elbow, hands..... 4
Refer doubtful cases of the use of this code to R0

Other answers 5

S0201 Prescribed Medicines Coding Frame

Cardiovascular

Diuretics (2 2)	1
Beta blockers (2 4)	2
Combinations of diuretics & beta blockers	3
ACE inhibitors (2 5 5)	4
Vasodilators (2 5 1) &	
Centrally-acting drugs (2.5 2)	5
Sympatholytics (2.5.3 & 2 5 6)	6
Calcium blockers (2.6 2)	7
Anti-coagulants (2 8)	8
Lipid-lowering drugs (2 12)	9
Anti-platelet (2.9),	10
<i>aspirin - see code 97</i>	
Other cardiovascular	11
[other anti-arrhythmic (2 3) excluding 2.4 & 2.6.2, positive inotropic (2.1 & 2 7 1), peripheral vasodilators (2 6.3), nitrates (2 6 1)]	

Gastrointestinal

Antacids (1 1) & Ulcer healing drugs (1 3)	12
Other gastrointestinal	13
[incl anti-spasmodics (1 2), anti-diarrhoeal (1 4 & 1 5), laxatives (1 6), rectal preparations (1 7) and stoma care (1 8)]	

Respiratory

	14
[incl bronchodilators (3 1), inhaled steroids (3 2), antihistamine (3.4), cough suppressants and mixtures (3 9), oxygen (3 6)]	

Central Nervous System

Non-steroid anti-inflammatory drugs (4 7 1)	15
<i>aspirin - see code 97</i>	
Opiates (4 7 2)	16
Combinations of NSAIDs and opiates	17
Drugs used for anxiety (4 1), insomnia (4 1),	18
schizophrenia (4 2), depression (4 3)	
Other CNS	19
[incl. appetite suppressants (4 5), nausea and vomiting (4 6), antimigraine (4 7 4), anti-epileptic (4.8), anti-Parkinsonism (4.9) drugs for substance dependence (4 10)]	

Infections

Antibacterial and antiviral (5 1, 5 3)	20
Other drugs for infections	21
[incl. anti-fungal (5 2), anti-malarial (5 4 1), anthelmintics (5 5)]	

Endocrine

Drugs used in diabetes (6.1)	22
Thyroid and anti-thyroid drugs (6.2)	23
Corticosteroids (6.3)	24
HRT and Sex hormones (6.4.1)	
oestrogen only	37
progesterone only	38
oestrogen & progesterone	39
Other endocrine (6.4.2, 6.4.3, 6.5, 6.6, 6.7)	26

Obstetrics & Gynaecology

Oral contraceptives (incl. post-coital, injections)	
progesterone only (7.3.2)	40
oestrogen & progesterone (7.3.1)	41
Other	28
[incl. vaginal tablets (7.2.1, 7.2.2) spermicide (7.3.3), IUCD (7.3.4) and urinary tract (7.4)]	

<u>Cytotoxic drugs (8.1)</u>	29
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Nutrition and blood

Drugs for iron deficiency (9.1.1)	30
Other drugs for anaemia (9.1.2)	31
Other minerals and vitamins (9.5, 9.6)	32

<u>Musculoskeletal</u>	33
(incl. drugs for rheumatoid arthritis, gout etc except for NSAIDs (4.7.1) and steroids (6.3))	

<u>Eye (11.1 - 11.9), Ear (12.1), Nose (12.2) and Throat (12.3)</u>	34
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<u>Skin (13.1 - 13.14)</u>	35
[incl. steroid & antibiotic creams and ointments]	

Other

[incl. vaccines (14) and anaesthetics (15)]

<u>Aspirin</u> <i>specify dose</i>	97
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<u>Salazopyrin</u> <i>specify dose</i>	98
--	----

<u>Cannot specify</u>	99
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Q.19(a)/20(a)

Code answers from the following frame, entering the code in the coding column and ring

	MC
<u>Corselette/corsette</u>	01
<u>Jeans, incl, tight jeans</u>	02
- <u>Baggy clothing/bulky clothing/ clothing bunched up</u>	03
<u>Tight skirt/trousers</u>	04
<u>Tight waistband</u>	05
incl. elasticated waistbands which pull in waist	
<u>Thick/bulky/heavy waistband</u>	06
<u>Belt</u> (only if belt <u>not</u> removed)	07
<u>Braces</u>	08
<u>Thick clothing - all kinds</u>	09
eg thick jumper, thick trousers	
<u>Informant given birth within past 6 weeks</u>	10
<u>Clothing item with no details given of effect on measurement</u>	11
eg jumper; T-shirt, trousers; thin clothing; (all with no further details)	
<u>Other answers</u> .. .	12

Q 22

Examine answers recorded at precode 3, recoding where possible into existing precodes or into new codes.

	MC
<u>Informant has recently had a blood test/health check</u>	4
incl regularly has blood or health checks.	
<u>Informant refused to give blood sample because of current illness</u>	5
<u>Any mention of HIV or AIDS by informant</u>	6
<u>Other answers</u> (leave incode 3)	3
eg prefer GP to do it; don't like idea of blood being taken n e.c	

Q.24(a) Examine answers recorded at precode ` , recoding where possible into new codes.

<u>Did not obtain 2 full tubes</u>	<u>MC</u> 2
eg only small amount obtained in purple cap bottle; unable to obtain full cholestorol sample; only one bottle of blood taken.	
<u>Collapsing/poor/unsuitable/no palpable veins</u>	3
<u>Second attempt necessary</u>	4
<u>Informant fainted/felt faint</u>	5*

*Some blood should have been obtained. IF no blood was obtained, Q24 main should be recoded 3, Q24(a)DNA, and Q24(b) coded 4.

Leave remaining answers in precode 1-
eg blood very slowly taken up by both vacutainers; first bottle vacuum faulty, tourniquet on for longer time;

Q.24(b) Examine answers recorded at precode 3, recoding where possible into existing precodes or new code.

<u>Informant fainted/felt faint</u>	<u>MC</u> 4
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Include in code 1 - collapsed veins.

Leave remaining answers in precode 3.

HEALTH SURVEY FOR ENGLAND:1991
INTERVIEWER AND NURSE INSTRUCTIONS

INTERVIEWER INSTRUCTIONS

GENERAL HEALTH (page 2)

Purpose

Although the survey is concentrating on cardiovascular disease and related conditions, the Department of Health is also interested in the general health of the population. Q2, Q3 and Q4 are standard GHS questions.

Q3 Please do not use Exp/How/Way probes here, simply record what the informant says. However, please do use A/E probe to check that all long-standing illnesses are recorded.

SYMPTOMS (pages 3-6)

Purpose

The Department of Health is interested to know how many and to what extent people suffer from symptoms which could be related to cardiovascular disease.

The questions in this section come from two standard questionnaires. The questions about chest pain are part of the Rose-Angina Questionnaire which is recommended by the World Health Organisation for detecting symptoms related to cardiovascular disease. The questions about phlegm, breathlessness and wheezing are part of the Respiratory Questionnaire which is designed by the Medical Research Council and is used throughout the world for detecting respiratory symptoms. We are interested in respiratory symptoms because some of these are related to cardiovascular conditions.

Questions must be put to the informant exactly as they are printed: any changes may affect the comparability of the data with other research. Nearly all of the questions are asterisked.

If serious doubt arises about the correct interpretation of a particular answer, it should be recorded in such a way as to exclude the suspected condition - for example: "Do you get it when you walk uphill or hurry?" "Well, I think I might do; but I can't really remember." This answer should be recorded as "No". However, Q1 is an exception to this rule (see Q1 below).

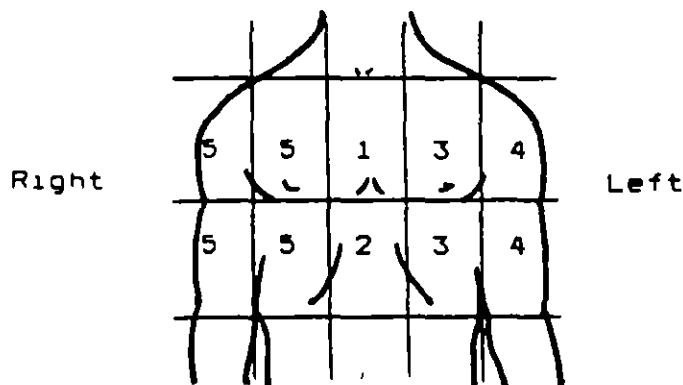
You may introduce this section with the following preamble:

"I am now going to ask you some questions, mainly about your chest."

Q1 This is an asterisked question because no further guidance will be given to the informant about what is meant by pain or discomfort in the chest. Disregard the informant's interpretation of his symptoms. Answers of the type 'No, except for indigestion' should be recorded as 'Yes'. The following questions have been designed to filter out chest pains which are not related to cardiovascular disease.

Q2 The answer must be interpreted strictly. Pain experienced only during some other form of exertion (eg cycling, stair climbing, lawnmowing) must be recorded as 'No'. This question refers to usual characteristics of the pain or discomfort. Answers such as 'sometimes' or 'occasionally', should be probed: 'Does this happen on most occasions'.

- Q3 If the informant has already mentioned that he/she cannot walk, you may record this as code 3 without asking the informant. This question refers to usual characteristics of the pain or discomfort. Answers such as 'sometimes' or 'occasionally', should be probed: 'Does this happen on most occasions'.
- Q5 This question refers to usual characteristics of the pain or discomfort. Answers such as 'I sometimes stop' or 'Occasionally I carry on', should be probed: 'What do you do on most occasions'.
- Q6 This question refers to usual characteristics of the pain or discomfort. Answers such as 'Sometimes the pain goes away', should be probed: 'What happens to the pain on most occasions'.
- Q8 We need to know where the informant feels the pain in order to determine whether the pain is due to cardiovascular problems or some other condition. Ask the informant to show you where they feel the pain. The categories given in Q8 correspond to the following areas (the diagram is also printed on the schedule):



If the informant felt the pain in positions other than the sternum, left anterior chest or left arm, mark these on the diagram (Q8a, note which side is left and which side is right). Please be as precise as possible.

- Q9 A severe pain across the front of the chest lasting for half an hour or more could indicate that the informant has had a heart attack. Again this is an asterisked question as the informant will be given no guidance about what is meant by a severe pain across the front of the chest.
- Q10(a) If the informant has seen a doctor because of the chest pain mentioned in question 9, we are interested to know what the diagnosis was. If the informant was not told by the doctor what the

condition was, ring code 3. If the doctor said something such as 'Nothing to worry about', ring code 4. If the diagnosis was not angina or a heart attack, ring code 4.

Q11 We are interested to know how many people have ever had an electrical recording of their heart performed (ECG) and whether this was performed in a GP surgery or hospital (inpatient or outpatient). We do not want you to make any distinction between NHS patients and privately insured patients.

Q12 Only if the informant does not know what 'phlegm' is can you give the following description:

"Phlegm is a thick substance which is coughed up from deep in the chest."

Phlegm from the chest or throat must be distinguished from pure nasal discharge. Exclude phlegm from the nose, but include phlegm swallowed. Phlegm with first smoke or on first going out of doors is to be coded 'Yes'. If the informant has told you that he/she is a night shift worker, you may use the words 'on getting up' instead of 'first thing in the morning'. The word 'usually' should be emphasized. Note that the reference period is winter. 'Usually' refers to most mornings in most winters.

Q13 This is an additional question which is only asked if the answer to Q12 is 'No'. Although we are mainly interested in informants who bring up phlegm first thing in the morning, we do not want to exclude informants who usually bring up phlegm during the day or night in the winter, but not first thing in the morning. The word 'usually' should be emphasized.

Q12-Q13 Please follow the signposting precisely. Otherwise you might incorrectly skip Q14.

Q14 This question is asked of those informants who have answered 'Yes' to either of the previous two questions. It is a confirmatory question.

Q15 The only guidance that may be given is that 'hurrying' implies walking quickly. If the informant has already mentioned that he/she cannot walk you can circle code 3 without asking the informant.

Q16 This is an 'ask or record' question because it is possible that the informant has already mentioned to you that she/he cannot walk. Note that the informant must compare himself/herself with other people of their own age.

Qs 15-17 If the informant answers 'sometimes', record 'Yes'.

Q18 If the informant does not know what wheezing is you may give a vocal demonstration. The wheezing sound must occur while breathing out to qualify as a 'Yes'. The word 'asthma' should not be used. No distinction is made between those who only wheeze during the day and those who only wheeze at night.

CARDIOVASCULAR DISEASE (pages 8-14)

Purpose

The purpose of this section to obtain information on experience of cardiovascular diseases or other conditions which may be related to cardiovascular disease.

Q1-Q4 These questions are composite questions. Ask Q1 for all conditions. Questions 2, 3 and 4 are only asked of those who have ever had angina, heart attack, other heart trouble or stroke (codes 2, 3, 4 or 5 ringed at Q1) and have had these conditions diagnosed by a doctor (Q2 is coded 'Yes').

Q1 This is the most important question of the section. If the informant has never had any of the conditions you will be signposted to Q5 where you will be signposted to skip this whole section and go to Use of Services on page 15. The question has been designed as an individual prompt question so that an answer is required for each condition. This question will be referred to as "CVD CONDITIONS".

Some of the conditions are also known by other names which have been placed within brackets. These are for your information and should only be used if the informant is not sure which of the conditions he/she has ever had. If the informant has ever had 'other heart trouble' ask for detailed information and record this at (a) below the grid. See sheet G for examples of heart conditions which fall under the category 'Other heart trouble'.

Q2-Q4 These questions are asked in sequence for each condition coded 2, 3, 4 or 5 at Q1.

Q2 If the informant has given a specific name for 'Other heart trouble' you may refer to this name.

For these conditions a doctor's diagnosis is necessary to prevent incorrect self-diagnosis. If none have been diagnosed by a doctor, no further questions will be asked about these conditions and you will be signposted to Q5.

Q3 This question is asked for each of the conditions diagnosed by the doctor (Q2 is coded 'Yes'). The answer to this question in combination with the age of the informant will give us some indication of how long the informant has suffered from the condition. Since it can be difficult for informants to remember the exact age when they were first told that they had the condition, we are only asking for the approximate age (in years).

- Q4 Angina, heart attack and stroke are long-standing illnesses but not necessarily continuous and they could be a single event. This question in combination with the age of the informant and Q3 will help us to roughly distinguish between continuous, episodic and single events. If the informant has already mentioned that he/she has had one of these conditions in the past twelve months, you may record this without asking the informant.
- Qs 5,6,7 'Heart condition' refers to either angina, heart attack or other heart trouble, not stroke.
- Q5 Interviewer code. All informants are signposted to this question. Circle the appropriate code and follow the signposting.
- Q5(a) This question is not asked separately for each of the conditions because if an informant has more than one of these conditions, it may be impossible for him/her to identify the specific condition for which they are taking the medication.
- Q6 We need to know if the conditions are being treated by surgery and if so how many years ago the informant last underwent surgery. If the informant has not undergone surgery for the conditions, we want to check if the informant is currently on a waiting list for any such surgery. Note that this question is not asked for stroke because this condition is not treated by surgery.
- Q7 Apart from medication and surgery these conditions could be treated by other means such as diet.
- Q8 A medical diagnosis is necessary to prevent incorrect self-diagnosis. We are not only interested in those who have been informed by a doctor that they have high blood pressure but also those that were told by a nurse.
- Q9 It is quite common that women only have high blood pressure when they are pregnant. This is not included in the survey as a condition related to cardiovascular disease. Only those women who have ever had high blood pressure when not pregnant will continue with the next question. The others are signposted to see Q13.
- Q10 The answer to this question in combination with the age of the informant will give us some indication of how long the informant has suffered from high blood pressure. Since it can be difficult for informants to remember the exact age when they were first told that they had the condition, we are only asking for the approximate age

- Q11 The information we will obtain from these questions will be linked with the blood pressure readings which will be collected by the nurse on the second visit.
- Q11(c) If the informant has stopped taking medication on several occasions, take last occasion.
- Q12 High blood pressure could also be treated by other means such as diet.
- Q13 A medical diagnosis of diabetes is necessary to prevent incorrect self-diagnosis.
- Q14 Occasionally women only have diabetes when they are pregnant. This is not included in the survey as a condition related to cardiovascular disease. Those women who have only had diabetes when pregnant are signposted to the section 'Use of services' on page 15.
- Q15 The answer to this question in combination with the age of the informant will give us some indication of how long the informant has suffered from diabetes. Since it can be difficult for informants to remember the exact age when they were first told that they had the condition, we are only asking for the approximate age.
- Q16 The necessity to inject insulin indicates a more severe form of diabetes.
- Q17 Although the nurses will be collecting detailed information on the use of medicines, it is necessary to ask the informant whether his/her condition is currently being treated by medication (other than insulin injections, see Q16).
- Q18 Apart from medication diabetes can also be treated by other means such as diet.

USE OF SERVICES (Q1-10, PAGES 15-20)

Purpose of section

This section is intended to find out something about the use of various health services. We are particularly interested in finding out whether people who report having Cardio Vascular Disease (CVD) conditions have had some contact with the various health services, whether this contact was about their CVD conditions, and which services they have contacted. The survey is not designed for looking at need for services, or unmet need, but rather for finding out something about the use of health services.

There are also questions on blood pressure and blood cholesterol measurement because the Department of Health has recently introduced a policy that everyone should have their blood pressure checked regularly and is considering whether to do the same for cholesterol. The survey will provide information on the extent to which blood pressure and cholesterol are actually being measured at present. The ideal is that everyone should be aware of their measurements and adopt lifestyles which would help to keep them within the ranges desirable for good health.

Q1 Interviewer code

You should code whether the informant has or has ever had any of the CVD conditions asked about at Q1, page 8, in the CARDIO-VASCULAR DISEASE SECTION (High blood pressure, Angina, Heart attack, Other heart trouble, Stroke or Diabetes) or not. Those who have CVD conditions get asked Qs 2-5; those with no CVD conditions get asked Qs 6-7.

Q2 This question is virtually the same as that used on the GHS and we want to be able to compare the results from this survey with the GHS.

'Talking to a doctor' can mean seeing him (at home, surgery etc) or speaking to him on the telephone. In some cases informants may say that they called to pick up tablets or a prescription. You should enter details only if the informant actually talked to the doctor. Do not count social chats with a doctor who happens to be a friend or relative.

As well as this question covering visits to doctors in their own practices, we also want to include talking to a doctor at a district health authority clinic (eg family planning clinic) - NB this is a different instruction to that given for the GHS. We do not want to count talking to a doctor at a hospital, hospital visits are covered at Qs4 & 5.

Doctors seen abroad should be included - NB this is a different instruction to that given for the GHS.

Q2(b) We want to know whether any of the GP consultations during the last 2 weeks were about the informants's CVD condition(s)

Q3(a)&(b)

These questions are asked of those who have reported CVD conditions but who have not had any GP consultations in the last 2 weeks. We want to know when they last talked to a doctor, apart from any visit to a hospital, about any one of their CVD conditions. You should code the most recent consultation as long as it was about a CVD condition mentioned at Q1 page 8.

At part (b) you can record the answer without asking the question if the informant has only reported having one of the CVD conditions at Q1 page 8. If they have reported more than one CVD condition then you will need to ask the question to find out which condition the consultation was about. If it was about more than one CVD condition you should ring all the codes that apply.

Q4 This question only applies to those who have reported a CVD condition at Q1 page 8 and asks about casualty, out-patient and day-patient visits. This means any visit to a hospital where the informant did not stay overnight in the hospital.

The reference period for this question is the last 12 months, be sure to quote a full date and year 12 months ago.

Include - visits made as day patients eg for psychiatric treatment or for minor operations.

- visits to private hospitals and private clinics.

Doctors seen abroad should be included - NB this is a different instruction to that given for the GHS.

Part (a) checks whether an out-patient visit was because of a CVD condition. If any out-patient visit in the last 12 months was because of a CVD condition you should code 'Yes', code 1.

Q5 This question only applies to those who have reported a CVD condition at Q1 page 8 and asks about in-patient stays. An in-patient stay is any stay in hospital for at least one night.

Part (a) checks whether any in-patient stay was because of a CVD condition. If any in-patient stay in the last 12 months was because of a CVD condition you should code 'Yes', code 1.

* In-patient stays abroad should also be included.

Q6 This question only applies to those who have not reported a CVD condition at Q1 page 8. It is the same as Q2, see instructions for that question.

Q7 This question is asked of those who have not reported any CVD conditions at Q1 page 8 and who have not had any GP consultations in the last 2 weeks - this will be the majority of informants. We want to know when they last talked to a doctor, apart from any visit to a hospital.

Q8-Q10 Blood pressure and blood cholesterol measurements

These questions are about having blood pressure and blood cholesterol levels measured. As part of the new GP contract patients should have their blood pressure level checked regularly. The frequency of such checks varies depending on the

characteristics of the patient, their age for example. These questions are designed to find out whether people have had such checks, when they last had them and what sort of feedback they received.

Q8 This question applies to everybody.

Background

Blood pressure is the force needed to keep the blood moving through the body every time the heart beats. The pressure depends on the amount of blood pumped out of the heart and the size of the blood vessels. The heart squeezes out the blood. It pumps it around the body under high pressure, which is called the systolic pressure. When the heart relaxes between beats the pressure falls and becomes a little lower. This is called the diastolic pressure.

When your blood pressure is taken there are two numbers which are recorded e.g. 120/80. The top number is the systolic blood pressure and the bottom number is the diastolic blood pressure. These numbers vary from person to person within a certain range. "Normal" blood pressure varies a lot depending on what you are doing and how you are feeling. "Normal" blood pressure also increases with age. Blood pressure changes a lot during the day: it is raised if you are angry or excited and when you are asleep or relaxed it is lower.

A rough guide to levels of blood pressure are as follows:

	Systolic	Diastolic
Normal	< 150	<95
Mildly raised	150-160	95-120
Raised	>160	>120

Thus this gives you some idea of the sorts of numbers you should be expecting from the informant. The above rough guide is for your information only. On no account should you discuss these levels with the informant. If the informant asks you about their level, say that you are not medically qualified and cannot give them advice and suggest they go and see their GP if they want further information.

The informant may have already told you that they have had their blood pressure measured by a doctor or nurse, if so record 'Yes' without asking the question.

If the informant had their blood pressure measured by anybody other than a doctor or nurse eg. a fitness assessor at a gym, a physiotherapist or a machine at the chemist you should code 'No' (code 2) at this question.

Parts (b)-(e) all refer to the last time the informant's blood pressure was measured by a doctor or nurse.

At part (b) code 1, 2, or 3 if the informant received the information about his blood pressure level regardless of whether or not he had to ask for the information.

At part (b) code 1 should be ringed if the person's blood pressure was alright, ie. anything other than higher or lower than normal. Doctors/nurses may use a variety of terms to describe normal blood pressure, eg. fine, alright, normal, nothing to worry about - all these should be coded 1. Code 2 should be ringed if the doctor/nurse said the blood pressure was higher than normal, again they may describe this as high, raised, mildly raised, moderately raised, severely raised etc - all these should be coded 2.

Part (c). If the informant says that his blood pressure was 'higher than normal' he should already have mentioned this at Q1 page 8 in the CVD section. If they have you should ring the DNA code at (c) and go to (d). However, if they have not said they have or have ever had high blood pressure at Q1 page 8 in the CVD section (not coded 1), you should ask part (c). If they say their blood pressure has been higher than normal a number of times (code 2) you should go back and ask Q1 page 8 in the CVD section again as a check question. If they now answer 'Yes' they have had high blood pressure you should go through the CVD section of the questionnaire with them. However, if after having asked Q1 again they still say 'No' you should carry on with Q8 (d) in the Use of Services section.

Please make a note if you change the code at Q1 page 8 CVD section, in the light of the answer to Q8(c).

Part (d) is asking about the numerical value of the blood pressure eg Systolic=110, Diastolic=70, 110 over 70. Again code 1 if the informant only found out the numerical value by asking what it was.

At part (e) we want to know if the informant remembers what the reading was. If they do remember write the values on the schedule and code 1. Code 1 if they remember at least one of the values (systolic or diastolic). We are not really interested in the actual value (this will not be keyed) only whether or not they can remember it. However at the pilot we found that it seems odd if we do not ask what the value was and record it. If the informant cannot remember the value code 2.

Q9 This question applies to everyone.

Background

Total Cholesterol is a type of fat present in the blood, related to diet. Too much cholesterol in the blood increases the risk of heart disease and the level of risk rises progressively with increasing concentrations of cholesterol. A guide to the levels of total cholesterol in the blood are as follows:

Level

< 5.2 mmol/l	desirable
5.2 mmol/l - 6.4 mmol/l	mildly elevated
- 6.5 mmol/l - 7.8 mmol/l	moderately elevated
> 7.8 mmol/l	severely elevated

Thus these are the sorts of numbers you should be expecting from the informant. The above guide is for your information only. On no account should you discuss these levels with the informant. If the informant asks you about their level, say that you are not medically qualified and cannot give them advice and suggest they go and see their GP if they want further information.

We want to know whether the informant has had the total cholesterol concentration in their blood measured. Most informant's will just know this as cholesterol but if queried it is total cholesterol rather than 'High density lipoprotein-cholesterol (HDL-cholesterol)', 'Low density lipoprotein-cholesterol (LDL-cholesterol)' or 'Very low density lipoprotein-cholesterol (VLDL-cholesterol)' that we are interested in.

The cholesterol concentration may have been measured from a venepuncture blood sample (blood taken from a vein in their arm) or from a finger prick of blood. If the informant says that they have had a blood test but they do not know what the blood was tested for then you should code 3 'Don't know, not sure'.

We are only interested in measurements done by a doctor or nurse. If the informant had their blood cholesterol level measured by any body else you should code 2 'No' at this question and go on to the next section 'MEDICAL DIET'.

Q10 This is the same question as Q8 except it refers to blood cholesterol level rather than blood pressure. The same instructions as for Q8 apply to this question.

MEDICAL DIET (page 21)

Purpose

Diet is an important risk factor for cardiovascular disease. A section on foods is included in the questionnaire but we also would like to know whether the informant has been recommended by a medical person to go on a diet because of cardiovascular disease or a related condition.

Q1 Note that the question is intended to cover diets recommended by a doctor, nurse or dietician only. We are not interested in slimming diets which have not been recommended by a doctor, nurse or dietician. If the informant mentions a nutritionist, you may include this (in most cases they will have been referred to the dietician/nutritionist by a doctor).

Q1(a) If the informant has been advised to go on a diet more than once, take the most recent diet.

Q2 If the informant does not give a type of diet as answer (eg. weight loss diet), you may prompt 'Which types of foods have you been told to avoid?'.
It is possible that the informant does not know what types of foods they must avoid, but does know which specific foods they must avoid, eg. 'no cakes, biscuits, pastry'. Code 'Other' and specify. Refer to the list of medical diets (sheet P) and if necessary recode.

ACTIVITY AND EXERCISE (pages 22-25)

Purpose of the section

There is growing evidence from around the world that people who have been physically active during their lives are likely to have built up protection against some diseases, in particular cardiovascular disease. Vigorous exercise is also believed to be the most effective in improving cardiovascular fitness.

The information collected in this section will be used to classify people according to their activity level and to examine the relationship between people's activity level and cardiovascular disease and other conditions covered in the survey.

The questions

We are interested in the physical activities and exercise the informant has done in the four weeks before the interview because the benefit the heart gets from activity and exercise is thought to be closely related to the activity pattern over a four week period. In addition, a four week period provides a long enough period to give a reasonably reliable picture of the informant's activity pattern but is short enough to enable acceptable recall of the activities the informant has done. Read the preamble to focus your informant's attention on the physical activities he/she has done in the four week reference period. You will find a calendar at the end of the show cards.

Q3 Housework, gardening and building work done on a professional/occupational basis should be excluded from Q3 and Q4. It is important that you read the preamble to all informant who are in paid work.

Q3(a) We are interested in any of the types of heavy housework shown on the Card B, or other similar housework. We are not interested in the individual activities. We do not ask about lighter housework as it is much less relevant to people's total level of activity.

Q3(b) We want the number of days in the last four weeks in which the informant has done heavy housework.

Remember to use leading zeros where necessary.

Q4(a) Include gardening, DIY and building work done in the informant's or someone else's home, greenhouse, allotment etc. But work done professionally as a gardener or builder should be excluded.

Card C contains examples of heavy manual gardening.

and DIY. We are not interested in individual items but in heavy manual work as a whole.

Q4(b) We want the number of days in the four weeks in which the informant has done heavy manual gardening or DIY.

Remember to put in leading zeros where necessary.

Q5 Walking is an activity that is difficult to recall accurately. If your informant answers no to this question, check that s/he has really not done any walks of over a quarter of a mile. Stress the term "any" in your probing and include walking to the shops, walking home from work etc.

Q6 We are interested in continuous walking of over a mile at a time. Include any continuous walking of over a mile the informant has done in the past 4 weeks. This can be a country walk, a ramble, walking in the course of work, walking to and from work or any other walks done in this country or abroad. But exclude:

- walking while playing sports (eg. golf);
- shorter walks which together add up to a mile or more;
- just "being on your feet" for at least 20 to 30 minutes (not necessarily walking) .

Q6(a) We want the number of times the informant has done walks of a mile or more in the past four weeks. Thus if someone did 2 walks of a mile in a day, this should be counted as two times.

Remember to insert leading zeros where necessary.

Q7 We want to know the pace at which the informant usually walks. If the informant's walking pace varies according to who they walk with, repeat the question stressing the word 'usual'.

Q8 This section covers any recreational sports and exercise activities done in the 4 weeks before the interview. Include sports done abroad and time spent on training, practising, refereeing and coaching sports. But exclude sports done by professional sportsmen on a professional basis, this has been covered in the activity at work section.

Card D contains the list of activities printed in the grid in Q9.

We found in the pilot that some informants who did seasonal sports felt that their answer to this question was not typical. If your informant raises this point explain that we want to know about the

last four weeks because the benefit the heart gets from activity and exercise is thought to be related to the physical activity done over the previous four week period. Also point out that the intention of this section is to obtain a range of information about the physical activity which can be combined together to provide an overall picture of the informant's general activity level. It is highly unlikely for a person who is active in a seasonal sport to be completely inactive for the rest of the year and we would expect to pick up activities done under other questions in the section.

Include in cycling any type of cycling from racing to cycling as a means of transport. Also include exercise bike but exclude motor cycling.

Exercises (for example, press-ups and sit-ups), aerobics, keep fit and dance for fitness, gymnastics are very similar activities. Some people see them as the same thing while others see them as different activities. There is no need to worry too much about the definition of the two groups. Just take the informant's own definition.

However, if the informant says that they have done both exercises and aerobics etc. check that s/he indeed does exercises and aerobics etc. as separate activities (eg. does sit-ups and aerobics on different occasions). If yes, treat the two as separate and ring codes Q3 and Q4. If no, ring either the code Q3 OR code Q4.

Include in the any other type of dancing category any dancing that is not dance for fitness.

Walking is not included here because we have already covered it. If informants said hiking, check that they have not told you about this in Q4. If they have not included it in Q4 include it here. If they have included it in Q4, do not include it here.

Q9(b) This question asks for the time the informant usually spends on the activity. Place particular emphasis on the fact that we want to know the actual time they spend on the activity. Exclude the time they spend changing or any breaks they took. The National Fitness Survey has shown that this is particularly important with activities such as swimming and dancing where times are likely to include getting changed or sitting down between dances. If the informant has had breaks, add up the time that s/he actually spent doing the activity.

Q9(c) This question aims to identify the level of activity at which a person performs, or at least whether the

level of activity was sufficient to make the person either out of breath or sweaty. It is important that we know the effort exerted because this affects the classification of the informant into the various activity groups. The important thing is that it should have been the "effort" they used which made them out of breath or sweaty, not just the fact that the temperature was high. For some activities, such as swimming, people might get out of breath without sweating; only one of the criteria has to be fulfilled for the answer to be "yes".

SMOKING AND DRINKING (pages 26-35)

SELF-COMPLETION SMOKING AND DRINKING SCHEDULE FOR PERSONS AGED 16 AND 17

Methodological research shows that there is a tendency for people to understate the amount they smoke and drink. This applies to all age-groups but it can be especially difficult to get younger people to tell you the truth, particularly in the context of a household survey if you are interviewing, as you often are, in a family situation.

We have therefore devised a self-completion form to be used for young people aged 16 and 17. Since it only applies to this age-group it is not included in the self-completion booklet but is a separate document. You should use this self-completion form IN ALL CASES when you are interviewing a 16 or 17 year old.

Both the smoking and the drinking sections of the self-completion form are shorter and simpler than on the main interviewing schedule. This is mainly because some of the questions are just not appropriate, at the age of 16 or 17 many young people do not have established patterns of smoking and drinking and in particular cannot be regarded as ex-smokers or ex-drinkers in any meaningful sense.

The smoking section concentrates on cigarettes and excludes the questions about cigars and pipes, since few 16 & 17 year olds smoke them. Although those who say they do not smoke nowadays are asked whether they have ever smoked, they are not asked for details of their previous smoking habit. The questions about giving up smoking and being advised to give up are also omitted.

Similarly the drinking section excludes the questions about cutting down on drinking and being advised to cut down on drinking. Non-drinkers are not asked about their previous drinking habits, nor about the reasons for stopping drinking or whether they were advised to stop drinking.

The self-completion form is therefore fairly short and straightforward so 16 and 17 year old informants should not normally have any difficulty in entering their replies. Qs 3&4 of the drinking section, concerning the quantity and frequency of drinks consumed, are probably the most complicated. If informants seem to need help you may explain the signposting, clarify questions etc, providing you can still preserve the confidentiality of the self-completion.

When the self-completion form is handed back to you, please check that it has been properly completed and, if necessary, ask the informant to rectify any omissions.

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SMOKING (pages 26-28)

Purpose of section

Smoking is an important risk factor for cardiovascular disease. The information in this section will be used to examine and describe the relationship between smoking and cardiovascular conditions/symptoms. It will also allow us to produce estimates of the proportion of the population exposed to this one risk factor (smoking) and to combinations of more than one risk factor (smoking together with heavy drinking or lack of exercise or high blood pressure or a high cholesterol level).

In addition, these questions provide some data about people's smoking habits and how these are changing over time. However, the General Household Survey (GHS) will continue to be the main source of such information because it covers a larger sample size and asks more detailed questions about smoking habits, such as the brand/tar level of cigarettes smoked.

You should not mention the Department of Health in your introduction to this section. As far as possible we want to avoid reminding informants of the health risks of smoking in case it biases their replies. So please do not comment on the hazards of smoking or on your own feelings about smoking. However, if you need to give further explanation of the purpose of this section, you can say that over time there has been a lot of discussion about the effect of smoking on health and that we are interested to see what effect this discussion is having on people's smoking habits.

General points

We are only interested in ordinary tobacco which is smoked. You should therefore ignore any references to snuff, tobacco or tobacco products that are chewed or sucked or herbal tobacco. But remember to include hand-rolled cigarettes.

Those of you who have worked on the GHS will see that questions 1-8 are almost identical to questions used in the GHS smoking section. The only differences are in the order of the questions on the printed questionnaire (the questions for current smokers come after those for ex-smokers, rather than before) and at Q3, which identifies ex-occasional smokers as well as ex-regular smokers.

Q1 By 'ever smoked a cigarette, cigar or pipe' we mean even just one ever in their life. (There is a special code for such informants at Q3(a))

Qs 2 & 11(a) Do not define 'nowadays', but ask informants to decide instead.

Qs 3 & 3(a) At Q3 main we again want ever to include even just one cigarette ever in their life

At Q3(a) we want to distinguish between informants who used to smoke regularly, that is at least one cigarette a day, and those who only smoked occasionally. The SPONTANEOUS ONLY code is for the kind of informants, mentioned above, who only ever experimented with cigarettes, probably when they were children or teenagers

Qs 7 & 8 Note that the daily figures are required at both these questions. If any informant can only give the amount in ounces of tobacco or an overall weekly number of cigarettes, record these amounts as a last resort. Record them as a note, beside the coding column

Qs 9 & 9(a) Here we want the Yes code to identify people who gave up or tried to give up smoking because of a health condition they had at the time. Do not include informants who gave up because of fear of a future health condition, such as lung cancer or respiratory trouble, or because they felt generally that it was an unhealthy habit or they wanted to become healthier. Do not include informants who gave up for other reasons, such as not liking being addicted to cigarettes, expense, social pressures etc

If informants say they gave up because of advice from their doctor, prompt: Did the doctor advise you for a specific reason? to ascertain whether the advice was because of a particular health condition they had at the time (in which case code Yes) or was general advice for a healthier lifestyle (in which case code No)

At Q9(a) use the nine pre-codes wherever possible because we may not analyse the other specify codes. If informants ask what other respiratory problem means, you may say: Any other problem with your breathing

Q 10 & 10(a) We are interested in identifying informants who have received medical advice to stop smoking. So the important distinction at Q10(a) is between medical advisors - GPs, consultants, nurses, health visitors, etc - and all other non-medical advisors. Staff at fitness clubs, gyms etc should not generally be included in the medical category. If you are unsure whether someone counts as a medical person, note details of exactly who they were and flag the question

Qs 4,7,8 & 11(b) All these questions ask for numbers of cigarettes/cigars smoked. Informants may reply with a range, try to obtain a specific number but accept and record the range if the informant cannot give a number

DRINKING (pages 29-35)

Purpose of the section

This section is included in the survey because drinking alcohol is a known risk factor for cardiovascular disease. The information collected in this section will be used to examine the relationship between drinking habits and cardiovascular disease and other conditions covered in the survey.

Administering the section

You only ask this section of informants aged 18 and over. 16 and 17 year old informants will complete this section using the blue Self-Completion Smoking and Drinking Schedule D. But remember to code Q9 of the section for informants aged 16 and 17.

The questions

Q3 We do not need to know how often informants drink non-alcoholic and low alcohol drinks. Read the preamble out to make the informant aware of this.

The preamble asks the informant to include shandy but be careful to include only alcoholic shandy which is composed of half beer and half lemonade. Cans of shandy, for example, generally have an extremely low alcoholic content and therefore would not be included. Similarly all other non-alcoholic or low alcohol drinks (eg. low alcohol wine) are also excluded.

Prompt each group of drinks on the list in relation to Card F. Read out all the drinks in each category, including what is in brackets.

Remember to include home-made or home-brewed drinks in the appropriate category (eg. rhubarb or nettle wine should be coded as "wine" and not entered as "Any other alcoholic drinks, specify").

Where drinks are grouped at this question, we are not interested in any one particular drink in a group, but in the group of drinks as a whole. Thus if someone answers that s/he has a drink of whisky twice a week and of gin once a week, you should throw the question back, explaining that we just want to know how often s/he has had a drink of any kind of spirits and liqueurs in the last 12 months.

If an informant cannot decide what his or her answer should be, you should make full notes of what is said.

Q4

Ask for each group of alcoholic drink the informant has consumed in the last 12 months. Leave blank the groups that the informant has not drunk.

Always record the total amount usually drunk on any one day.

Please insert a leading zero where necessary to make the figures entered double digits.

Record the amount drunk in the appropriate coding boxes according to the procedure set out below.

Shandy should be recorded in "half pints". If the informant answers in terms of pints, multiply the amount by 2. So if someone answers two pints, you should enter 04 (ie 2 pints x 2). If someone answers 2 and a half pint, you should enter 05 (ie 2 pints x 2 + 1 half pint).

Beer/lager/stout/cider should be recorded in half pints or large or small cans. If the informant answers in terms of pints, you will have to multiply the amount by 2 as described in the paragraph above.

It is increasingly common for canned beer, lager or cider to be measured in litres or fractions of a litre. We expect large cans to be approximately 550 ml, just under a pint, and small cans to be approximately 275 ml, just under half a pint. If the cans consumed were a different size, do not put the amount in the coding boxes but record the size of the cans and the amount drunk on the right margin next to the coding boxes for beer.

If bottles of beer, lager or cider have been drunk we need to know their size eg half pint, 350 ml, 3/4 pt, 75 cl, 1 litre etc. Again do not record the amount in the coding boxes but record the size of the bottles and the amount drunk on the right margin next to the coding boxes for beer.

If the informant says that he/she drinks beer in pints as well as in cans, ask what container he/she usually drinks from and record the answer in the appropriate coding boxes. If your informant usually drinks a combination of beer in pints and in cans, for example, 1 pint and 2 small cans, recode 02 in the half pint coding boxes and 02 coding boxes for small cans.

Spirits should be recorded as singles, so that a double gin should be entered as 02 singles. A nip or a tot should be treated as a single. (In Scotland, singles are sometimes known as halves).

In the exceptional case of answers being given in

terms of bottles, you should check what the informant means and code as follows:

1 miniature bottle (spirits) = 02 singles

any other bottle (spirits)-full bottle = 27 singles
- half bottle = 14 singles
- quarter = 07 singles.

Occasionally, answers may be given as "spoonfuls" - in this case establish and record whether it is a teaspoon or a tablespoon etc. and record the answer on the right margin next to the coding boxes for spirits.

Wine should usually be recorded as glasses. If answers are given in terms of bottles or carafes check the size and code as follows:

carafe/standard bottle - full bottle 06 glasses
(wine) (70cl or 75cl) - half bottle 03 glasses
- 1/3 bottle 02 glasses
- 1/4 bottle 02 glasses

litre bottle (wine) - full bottle 08 glasses
- half bottle 04 glasses
- 1/3 bottle 03 glasses
- 1/4 bottle 02 glasses.

If the informant cannot specify the size of the bottle, treat it as a standard size bottle.

Fortified wine (eg. sherry, martini etc) should be recorded as small glasses. Sherry may also be drunk in large glasses, known as "schooners". A schooner should be recorded as 2 small glasses.

If the informant answers in terms of bottles of fortified wine, check the size and code as follows:

1 bottle (fortified wine) - 14 small glasses
half bottle - 07 small glasses.

At the "anything else" category you will need to enter in each case the description of the quantity as well as the number - eg. 2 glasses, half bottle, 1 teaspoon, etc.

If at any part of Q4, the amount usually drunk on any one day varies so greatly that the informant is unable to answer, you should probe for the amount most usually drunk on any one day during the last 12 months.

NB. At Q3 and Q4 there is no need to indicate which particular drink in a group the frequency or quantity relates to.

Q7 Here we want the yes code to identify people who cut down their drinking because of a health condition they had at the time Do not include informants who cut down because of fear of a future health condition or because they felt generally that it was an unhealthy habit or they wanted to become healthier Do not include informants who gave up for other reasons, such as expense, social pressure etc

If informants say they cut down because of advice from their doctor, prompt 'Did the doctor advise you for a specific reason?' to ascertain whether the advice was because of a particular health condition they had at the time (in which case code Yes) or was general advice for a healthier lifestyle (in which case code No)

Synonyms for "hardening of the arteries" are arteriosclerosis, atherosclerosis, furring, clogging up or narrowing of the arteries

Q8 & Q8a We are interested in identifying informants who have received medical advice to cut down their drinking So the important distinction at Q8 (a) is between medical advisors- GPs, consultants, nurses, health visitors etc - and all other non-medical advisors Staff at fitness clubs, gyms etc should not generally be included in the medical category If you are unsure whether someone counts as a medical person, note details of exactly who they were and flag the question

Q9 For informants who currently drink alcohol the drinking section ends after this question

What section you should go to next depends on who your informant is The two interviewer codes in the question will direct you to the next relevant section The routing of the various groups of informants are set out below

(a) If your informant is aged 16 or 17, you should have arrived at this question after the self completion drinking schedule has been handed out For all 16 and 17 year old informant code 1 and go to Eating Habits

(b) If your informant never drinks alcohol nowadays (Q2 coded 2), ring code 2 and go to Q10

(c) If your informant drinks once or twice a year or less often (Q5 coded 7 or 8), ring code 3 and go to Eating Habits

(d) For any other informants, ring X and hand the informant page 3 of the pink Self-Completion booklet

and explain how he/she should answer the question on drinking experiences. The instructions for completing the drinking experiences questions are printed on both the Individual Schedule as well as the Self Completion booklet.

Remember to ring the code at Q9a to indicate whether an informant who has been offered the drinking experiences section has accepted or refused it.

When the informant has finished answering the drinking experiences questions ask them to give the booklet back to you.

Q13

Here we want the 'yes' code to identify people who stopped drinking because of a health condition they had at the time. Do not include informants who stopped because of fear of a future health condition or because they felt generally that it was an unhealthy habit or they wanted to become healthier. Do not include informants who stopped for other reasons, such as expense, social pressure etc.

If informants say they stopped because of advice from their doctor, prompt 'Did the doctor advise you for a specific reason?' to ascertain whether the advice was because of a particular health condition they had at the time (in which case code 'Yes') or was general advice for a healthier lifestyle (in which case code 'No').

Synonyms for "hardening of the arteries" are arteriosclerosis, atherosclerosis, furring, clogging up or narrowing of the arteries.

Q14/Q14a

We are interested in identifying informants who have received medical advice to stop drinking. So the important distinction at Q14 (a) is between medical advisors- GPs, consultants, nurses, health visitors etc - and all other non-medical advisors. Staff at fitness clubs, gyms etc. should not generally be included in the medical category. If you are unsure whether someone counts as a medical person, note details of exactly who they were and flag the question.

EATING HABITS (pages 36-37)

Purpose of the section

What people eat is a risk factor for cardiovascular disease. Although diet will be covered in detail in a separate programme of dietary surveys by OPCS, we would like to collect some information on the consumption of a limited range of foods which are particularly important in relation to cardiovascular disease and health more generally.

General points

If possible use one of the pre-codes rather than the "other specify". If you do use the "other, specify" code, take down full details of the brand and the description of the food, for example, Tesco's Dairy Churn, Flora Extra Light, Sainsbury Corn Oil etc. This is especially important for supermarket own brand foods.

The questions

Q1 This is a 'code one only' question. We are interested in the kind of bread the informant usually eats. By 'usually' we mean the type that the informant eats the most of. If your informant eats two loafs of white and one loaf of wholemeal bread, code white. If your informant eats the same amount of two or more kinds of bread, throw the question back to the informant and let him/her decide which kind of bread he/she usually eats.

If you have to use the other, specify code, take down the description of the bread, for example, pitta bread, nan etc. and whether the bread is white or brown.
Soy-grain bread by Mighty White should go in code 2

Q2 This is also a "code one only" question. The instruction for Q1 applies.

We are only interested in the sort of fat informants put on bread. Do not include spread such as jam, honey, meat and other pastes, marmite etc.

When you are specifying soft margarine, low fat spread, reduced fat spread and other fat, make sure that you note down the full name of the brand and the description and/or name of the product as specified in 'General points'.

Q3 We are interested in the fat and oil used for both deep and shallow frying.

The instruction for handling Q1 applies to this question.

If you have to specify the margarine, oil or other fat used, note down the full name of the brand and describe the type of fat used. For example, Sainsbury Sunflower Margarine, Mazola Corn Oil etc.

Q4 The instruction for handling Q1 applies here.

Whole milk includes silver top, gold top and red top.

Q7 Include oven chips as chips.

When different foods are grouped, for example, other fried food, meat pies and pasties and fresh fruit, take the total frequency of eating. For example, if the informant eats fried fish once a week and fried chicken twice a week, use code 3 (3-6 days a week) for other fried foods.

PSYCHOSOCIAL FACTORS (page 38)

This section is included for the Health Education Authority. They are particularly interested in measuring stress, and also the relation between psychosocial factors and general health.

Administering this section

The whole section is self-completion. The questions are on pages 4 to 8 of the pink Self-Completion booklet C.

Informants who have completed the drinking experiences section will have a Self-Completion booklet with their person number on it. Give the Self-Completion booklet (open at page 4) back to the appropriate informant. If the informant has not completed the drinking experiences section (for example, light drinkers, non-drinkers, and 16 and 17 year old informants), give them a Self-completion booklet, open at page 4. Check that the informant has a pen or pencil and read out the instructions on how to complete the section. These are printed on the Individual schedule as well as on the Self-Completion booklet.

Some of your informants may not have used the Self-Completion Booklet before. Make sure that your informant knows that he/she should tick the box next to the selected answer. If necessary, show him/her what to do.

This part of the Self-Completion booklet contains routing instructions which may not be familiar to your informant. Make sure that you explain how the routing arrows work.

Remember to code whether the informant accepts or refuses the Psychosocial Factors section. When the booklet is returned to you, quickly check that the informant has answered all the questions.

- Q1 This is a standard questionnaire that has been developed and used in many applications. It measures the presence of likely depression and anxiety - though do not say this to informants.
- Q2 This question gives some indication of the amount of stress the informant may be experiencing in the past four weeks. Daily living covers every aspect of day to day living - home life, social life, work and leisure etc.
- Q4 This is about the degree of social support or isolation a person feels. It does not matter whether the support comes from friends or family, so if someone feels loved by friends or by family then answer certainly true, code 3.

Q6 This question only applies to women, men are sign-posted round it. Please check that all women fill in this question when they hand the Self-Completion booklet back to you.

The reason this question is included is because some studies have shown that oestrogen protects against cardio-vascular disease. Thus whether or not women have reached the menopause is a risk factor associated with cardio-vascular disease. Thus we want to find out whether female informants in this survey have reached the menopause or not.

Purpose of section

As on most surveys you are asked to collect some facts which will describe the person interviewed and, often, the household in which he or she lives. Since for many of these facts the distribution of different answers is known for the population as a whole (from such sources as the Census) this is an important check on the representativeness of the sample. By putting this information together we can say what kind of people and households our survey represents and can see how the experiences, attitudes and behaviour of informants vary according to their personal characteristics and household circumstances. For example, by comparing the answers given by men and women, members of different social groups, or people of different ages we can tell whether their experiences and attitudes differ according to these factors. Before beginning to ask classification questions you should always explain briefly to your informant why this information is needed.

Employment (Q1-9) pages 39-42

Q1 At Q1 include as 'paid employment'

- employment or self-employment for any number of hours, including Saturday jobs, and casual work, baby-sitting, running mail-order clubs etc.
- anyone who was paid a wage or salary by an employer while attending an educational establishment.
- wives (or husbands) working unpaid in their spouse's business provided they work for 15 hours or more a week.
- wives or anyone else working in a friend's or relative's business, as long as they received (or will receive) an amount of money in remuneration or a share of the profits.
- people working for employers last week on Government schemes.

Also include any persons who were absent because of holiday, strike, sickness, maternity leave, lay-off, or similar reason, provided they have a job to return to, with the same employer. Do not include those receiving redundancy payments who have no job to return to.

Treatment of people on Government schemes

In 1991 several government schemes will be in operation and details of these are set out below. It is possible that informants may use 'old' names that have been subsumed into the Employment Training (ET) programme, examples of these are given in the notes. Details of the various schemes are given

below.

The identification of those on government schemes is unfortunately becoming more difficult than it has been in the past.

The main reason is that the Employment Department itself is now moving one step further from the point of delivery of training, work experience, etc. The responsibility for organising and delivering the schemes is to be held locally by Training and Enterprise Councils in England and Wales (TEC) instead of the Training Agency. The TEC itself will mostly contract out the management of trainees programmes to Managing Agents who will organise specific placements at college or with employers or whatever.

The change is being made as each TEC becomes operational. Each TEC has a good deal of freedom to organise the schemes the way it wants, and some may run them under a name other than YT or ET.

YT YOUTH TRAINING (previously called YTS - Youth Training Scheme)

This scheme focuses on people 16 or 17 years old, unemployed and provides an integrated programme of training, education and work experience for up to 2 years. Since April 1986 16 year old school leavers have been eligible for a two year YT and 17 year old school leavers for a one year YT.

YT is run by managing agents who coordinate contributions from employers and colleges. In most schemes the young person will work with an employer but will receive a minimum number of weeks training, some or all of which may be at a college. In some cases the person will spend most of the time on a course at a College of Further Education or some other educational establishment.

ET EMPLOYMENT TRAINING

This is an extensively advertised new government scheme aimed at the long term unemployed. It is a response to the problem of those who have been unemployed for a long period and seeks to address the shortage of skilled workers. While YT is aimed at 16/17 year old school leaver ET is available for a much wider age range than YT, ages 19-63. The scheme began in 1988 and takes over from a range of government schemes - informants may well use old names. For our purposes ET covers:

Employment Training
Community Programme
Voluntary Project Programme
Wider Opportunities Training Programme

People on ET will usually be with an employer but as with YT the scheme can include periods of college training or in some cases the person may spend most of their time at a college.

CI COMMUNITY INDUSTRY

People on a CI scheme have a formal contract of employment and are counted as being 'at work'. This provides jobs for personally and socially disadvantaged young people who undertake work projects of benefit to the community.

Community Industry recruits 17-19 year olds for whom YT places are inappropriate and temporary employment is provided by Community Industry Ltd, a registered charity.

At Qs 1-3 you should accept a persons answer as to whether they were in paid employment or self-employed last week. However, if they tell you that they were on a Government scheme and query whether they are working or not you should apply the following rule:

- People on YT/ET with an employer providing work experience (employer based) last week should be treated as working last week, Q1 coded 1, and so questions about their job (Q8) apply to the YT/ET job.

- People on YT/ET at college last week are treated as economically inactive and should be coded 8 at Q3 and the scheme specified.

- People on CI last week should be treated as working last week, Q1 coded 1, and so questions about their job (Q8) apply to the CI job.

Q2 Working full time = more than 30 hours a week excluding meal breaks and over time. Working part time = working for 30 hours or less a week excluding meal breaks and over time.

Q3 Code 1: Waiting to take up a job

- include at code 1 people who have a job fixed up but have not yet started work in it.

Code 2: Looking for work

- include anyone who was out of employment but actively seeking work 'last week' - eg registered at a government Employment Office, Jobcentre, or Careers Office, or at a private employment agency, answering advertisements, advertising for jobs etc.

- include those doing voluntary work if they are also looking for work.

Code 3: Intending to look for work but prevented by temporary sickness or injury

- exclude anyone whose temporary sickness or injury has already lasted longer than 28 days (ie 4 weeks). Such people should be coded 9 'something else'.

Code 4: Going to school or college.

NB This category can apply only to persons who are under 50 years of age.

The category includes people following full time educational courses at school or at further education establishments (colleges, university, etc). It includes all school children (16 years and over).

During vacations, students should still be coded as 'going to school or college'. If their return to college depends on passing a set of exams, you should code 4 on the assumption that they will be passed. If however they are having a break from full time education, i.e. they are not returning/going to the educational establishment at the next opportunity e.g. taking a year out, they should not be counted as in full time education.

The following persons are excluded:

1. students who say they are working or unemployed in the reference week (coded 1 at Q1 or coded 1-3 at Q3)
2. persons who are paid a wage or salary by an employer while attending school or college - they should have been coded 'in paid employment' at Q1.

Code 5: Permanently unable to work

NB This category can only apply to those under state retirement age, ie to men aged 16-64 and women aged 16-59. Other persons must be coded 6-8.

Include only persons whose inability to work is due to health problems or disablement. People who are permanently unable to work because of domestic responsibilities should be coded 7.

Code 6: Retired

The intention is to include only those who retired from their full-time occupation at approximately the retirement age for that occupation, and are not seeking further employment of any kind. Thus women who at a comparatively early age cease work in order to become housewives are excluded from this category.

Note that a retired person who last week was ill or in hospital etc should be coded to the normal status ie retired.

Code 7: Looking after the home or family

This covers anyone who is mainly involved in domestic duties, provided this person has not already been coded in an earlier category. There can be more than one person in a household looking after the home or family.

Note that a person looking after the home or family who last week was on holiday or in hospital etc should be coded to the normal status, ie code 7.

Code 8: Doing something else

Include anyone for whom the earlier codes are inappropriate, eg people intending to look for work but prevented by temporary sickness lasting more than 28 days, full-time students aged 50 or over who are not permanently unable to work, retired, or looking after the home/family, people on YT/ET who were at college last week and who queried Qs 1-3, and people at industrial rehabilitation centres or government training centres on Training Opportunities Programmes.

Q8 Information at this question is used to code Socio-Economic Group and Industry. You should use the new classification system (1990) SOCC coding frames for Occupation and Industry coding on this survey.

We always need a detailed description of both occupation and industry. Please refer to the 'Handbook for Interviewers' for notes on questioning procedures. Please note that we need a job title, a full description of the work including the main activity, the level of skill and the level of responsibility.

Self-employed/employee: In general accept the informant's answers, except:

1. Where there is doubt you should try and find out how they are described for tax purposes, and for National Insurance Purposes. If the informant does not pay tax or NI, accept the informant's answer, but note that people working as mail order agents, pools agents, odd-jobbing, baby-sitting etc are usually classed as 'self-employed'.

NB It is possible to be self-employed and work under contract to an employer (eg in the construction industry).

2. For all directors and managers who say initially that they are self-employed, check whether they work for a limited company. If they do, they are treated as employees for tax and NI purposes and should be coded 'employee' here.

Managers, Foremen/supervisor, other employee

The distinction at Q8(a) between managers, foremen/supervisors, and other employees is important but sometimes difficult.

'Managers' are generally responsible for long-term planning and have overall control often through foremen or supervisors.

'Foremen' and 'supervisors' have day-to-day control of a group of workers who they supervise directly, sometimes themselves doing some of the work they supervise.

Ask or record the answer as appropriate, remembering that job titles can be a useful indication of level of responsibility but can be misleading (eg a playground supervisor supervises children not employees, and so should not be coded as a supervisor; a 'stores manager' may be a store-keeper and not a manager)

Number of employees - exclude from the total number of employees

- any relative who is a member of the informant's household
- any partners in a partnership (as they would also be self-employed).

Education (Q10-11) pages 42-43

Q10 If you already know that your informant is currently at secondary school, code 1 without asking the question. If informants tell you that they left school before reaching the minimum school-leaving age (currently 16) because their birthday was in the holiday period between school years or terms, record them as having left at the minimum age.

Q11 The qualifications shown on Card J are grouped into 7 types. You should hand the informant the card and ask them to tell you the first one they come to that they have passed. We only want the highest qualification coded and as the list is ordered from highest to lowest then you need only ring the first code that applies. Note that the qualifications are arranged in groups; we do not need the individual qualification coded, only the group in which it falls.

You may need to probe your informant's answer in order to establish which code to ring at Q11.

Anything that you are unsure about should be specified at code 7.

Place of Birth (Q12-13) page 44

Q12 This is same ethnic group question as was used on the 1991 Census. It is an opinion question and should be asked of all people. Please make sure that any answers coded 'Black-Other'(code 4) or 'None of these'(code 9) are prompted and specified fully at part (a).

PARENTAL HISTORY (pages 45-46)

Purpose

Parental history of cardiovascular disease or related conditions is considered to be a risk factor. This section is limited to collecting information about the cause of parent's death. Therefore these questions are only asked of those whose natural parents have died. It is essential that we collect health information about the informant's natural parents and not their adopted/foster or step parents.

- Q1 Check if the informant lives with mother/father on the household schedule.
- Q2 If the informant lives with his/her parents, it still has to be determined whether they are the natural parents of the informant.
- Q3 If the informant does not live with their natural parents we need to know whether they are still alive
- Q4 Some of the conditions are also known by other names which have been placed within brackets. These are for your information and should only be used if the informant is not sure under which category their parent's condition falls. If the informant names more than one condition, ask for main cause of death.
- Q6 Please do not forget to enter the finish time for the questionnaire.

NURSE INSTRUCTIONS

MEASUREMENT SCHEDULE J

USE OF PRESCRIBED MEDICINES Qs 4-6

Q4 This question asks about prescribed medicines, pills, ointments or injections; non-prescribed medicines should not be included. We need to know what prescribed medicines the informant is currently taking, if any. This information is necessary for interpreting the results of the blood analyses and the blood pressure readings. The question should be asked of all informants.

Note that non-prescribed food supplements are asked about at Q7, but any prescribed food supplements should be recorded here.

Suppositories, if prescribed, should be included.

Eye drops, hormone implants, plaster on prescription should be included at this question.

Q5 If prescribed medicines are being taken, ask to see the container(s). The interviewer will have explained to the informant at her visit that you will be asking about prescribed medicines and will have asked the informant to get their medicines ready prior to your visit. However, the informant may have forgotten about this and so you will have to ask them if they can fetch the containers for you to look at. If possible ask all members of the household to collect together their medicines and dietary supplements early on in the visit to avoid multiple trips to the bathroom cabinet.

Check the name of the drug very carefully. Record in BLOCK CAPITALS in the grid, the full name of the drug, including brand, strength, and the dose prescribed. All this information is usually printed on the label. It is better to record too much information than too little.

Remember to record details of all the prescribed medicines being taken. There is room to record 6 on the schedule - any more than this should be recorded on the "Use of medicines - supplementary sheets" that you have been given. These should then be tagged to the back of the individual schedule.

Q6 This question should be asked of women aged 55 or under. Men and women over the age of 55 should not be asked this question, they go straight to Q7. For women aged 55 or under we want to check that they have included the contraceptive pill (if they are currently using it) in the prescribed medicines.

Ring the code to show that you have checked, and if the pill is being taken record the name and strength in the grid at Q5. If hormone replacement therapy drugs have been prescribed these should also be included in the grid at Q5.

USE OF DIETARY SUPPLEMENTS Qs 7-9

Q7 This question should be asked of everyone. This question is intended to cover any dietary supplements, other than those which have been prescribed by a doctor, but to exclude things like cough mixture, aspirin and prescribed medicines which are not dietary supplements. The most usual dietary supplements are iron tablets, vitamin tablets, multivitamin tablets, or drops, kelp, lecithin and garlic capsules. If the informant queries 'at present' then take their opinion of whether they think of themselves as taking whatever it is 'at present'.

If a dietary supplement is being prescribed check that it has been included in the grid at Q5.

Q8 Whether supplement contains iron

Ask if you can see the containers for all vitamin and mineral supplements being taken. For each one check if they contain iron. Iron may appear as ferrous salts eg. ferrous sulphate, ferrous fumarate or ferrous glucose etc. You should then record whether the supplement(s) contains iron or not. If the informant is taking more than one supplement ring code 1 if any contain iron, if all of them do not contain iron ring code 2. If it is unclear whether they contain iron or not ring code 3.

Q9 Details of dietary supplements taken:

Details only need to be recorded for supplements which contain iron or for those where it is unclear whether they contain iron or not. Thus if a supplement definitely does not contain iron there is no need to record the details at this question.

(i) Record a full description, including brand name, if appropriate, of each supplement being taken. For ease and accuracy of recording you should always ask to see the dietary supplement container.

(ii) Record the strengths of the dietary supplement; this will always be shown on the container eg. iron 15mg; Vitamin C 500mg; Vitamin C 50mg.

(iii) Record the dose taken; ie. the number of tablets, drops, 15ml spoons, teaspoons etc taken on each occasion.

(iv) Record how often each dose is taken, eg. three times a day; once a week; once a day etc.

(v) Record the iron content of each dose e.g. 20 mg

If more than 3 dietary supplements are currently being taken we do want you to record the details of all those being taken. We have provided special extra sheets for this, so record details of any further supplements on the "Dietary Supplements - Supplementary sheet". Use as many supplementary sheets as necessary to record all the supplements being taken. These sheets should then be tagged to the back of the individual schedule.

Blood pressure and heart rate readings

For the correct way to measure blood pressure, please look at the protocols. It is important that all nurses measure blood pressure in the same way. Otherwise it will be very difficult to understand and compare the results.

As a further precautionary measure an anonymised copy of each blood pressure reading will be sent to HQ. Any apparently high or unusual readings will be scrutinised by the doctor at HQ. If the reading is judged to be high, then, by reference to the serial number, a further letter will be sent to the informant's GP, drawing attention to the reading. In cases where the informant is not registered with a GP, or has refused consent for us to contact their GP, a letter suggesting they might seek medical advice will be sent direct to the informant.

- Q10** The informant's blood pressure could be higher than normal if they have eaten, smoked or drunk alcohol in the previous 30 minutes. Ideally they should not have breached this "half-hour" rule. You will already have checked on this at the beginning of the visit and adjusted the order in which you deal with informants to try to avoid breaching the rule (see Q1). Despite your best efforts, it may still be possible for the informant to have breached the "half-hour" rule; if they have, then record at Q10 that they have eaten or smoked or drunk alcohol. If they have not breached the "half hour" rule, remember to ring the 'No' code, code 4. This information will assist in the interpretation of the blood pressure reading
- Q11** Record the blood pressure readings in the boxes on the schedule. The layout of the boxes on the schedule is comparable to that on the DINAMAP machines
- Irrespective of their behaviour in the 30 minutes before you take their blood pressure, the informant must not eat, smoke or drink (non-alcoholic as well as alcoholic) while the measurements are being taken. In the unlikely event of them wanting to do so, you should try to persuade them to stop. If you are unable to stop them then, as a last resort, you should continue with the measurement but record details of their behaviour at Q13 code 4.
- Q12** If any informants refuse to give their blood pressure, we need to have full details of the reasons. Please probe and write down full details of the reasons for refusal.
- Q13** Different types of problems could occur while measuring blood pressure. The most common difficulties are listed on the schedule. There are two possible causes for the DINAMAP 8100 to show a flashing '844' in the pulse display. Either the informant has an erratic pulse or he/she moved excessively while the measurements were being taken. Check the informant's pulse manually. If the informant's pulse is erratic, ring code 2 and go to Q12. If the informant's pulse is not erratic, repeat the measurements ensuring that the informant is sitting still

If the informant has eaten, smoked or drunk (non-alcoholic as well as alcoholic) while the measurements were being taken, ring code 4 and give full details, as explained at Q11.

Q14 As on all OPCS surveys informants will have been assured of the confidential nature of their participation which means that any information given is treated in confidence and that no identifiable information about an individual or his/her household will be passed to any other body without the informant's consent. In order to send the results to the informant's GP we must obtain written consent from the informant and the GP's address. Please follow the instructions on the schedule (Q14a - Q14f) and the signposts in the outer right column.

If informants are reluctant for the results to be sent to their GP, you might like to point out that it will be helpful for the GP to have this information.

Demi-span measurements (Q15)

For the correct way to measure demi-span please look at the protocols. It is very important that all nurses take the measurements in the same way. Otherwise it will be very difficult to understand and compare the results.

- Q15** Record the length of the demi-span in centimetres and to the nearest millimetre on the schedule. The decimal point has been printed on the schedule for you.
- Q15(a)** If informants refuse to allow you to measure demi-span, ring code 9 and give full details of their objections.
- Q15(b)** If you have not attempted to measure demi-span, please give full details of the reason(s).
- Q15(c)** The correct way of measuring demi-span is with the informant standing with his/her back against the wall (code 1). However it is also possible to get accurate measurements with the informant seated and slightly less accurate measurements with the informant lying down.
- Q15(d)** If any difficulties were encountered when measuring demi-span, ring code 1 and give full details of the difficulties. If there were no difficulties, ring code 9.

Waist-hip ratio wearing loose clothing (Qs 16 - 20)

For the correct way to measure hip and waist circumferences, please look at the protocols. It is very important that all nurses take the measurements in the same way. Otherwise it will be very difficult to understand and compare the results.

Q16 Record the waist and hip circumferences in cms and to the nearest mm in the boxes provided on the schedule. The decimal point has been printed on the schedule for you. Note that you must measure one waist and one hip circumference before measuring each for a second time.

Q17 If any informants refuse to have their waist and hip circumferences measured, please probe and give full details of reasons for refusal.

It is possible (though unlikely) that the informant allows you to measure his/her waist and hip circumferences once but refuses the second measurements. Explain the purpose of taking the measurements twice (see below) but if they still refuse, ask them why and give full details on the schedule.

The purpose of taking the measurements twice is to improve the accuracy by taking an average of the two readings. The difficulty of taking accurate and consistent measurements of waist and hip circumferences is widely acknowledged. Methodological work has shown that there is significantly more variation on these measurements than on measurements such as height or weight. The best way of minimising the error on the waist and hip circumferences is to give careful training in the measurement procedure and then to take the measurements twice and use the average of the two readings as the best estimate of the 'true' value. You may like to mention that we did this when we piloted the survey and found that the averages had less variation and error than if we used the single readings.

Q18 If you have not attempted to measure waist and hip circumferences please give full details of the reason(s).

Q19 & Q20 Studies have shown that taking the measurements over light clothing does not affect the ratio significantly. However if the clothing is very baggy or very tight, or the thickness of the clothing is not the same at hip level as at waist level this could affect the ratio. Please give full details if you think this is the case or anything else that could have affected the measurements. Also record any difficulties you had in taking the measurements.

Blood sample (Qs 21 - 26)

For the correct way to take a blood sample please look at the protocols. It is very important that all nurses take the blood sample in the same way.

Q21 We only want informants who are 18 years or older to give a blood sample. If the informant is younger than 18, ring code 9 (DNA='Does not apply') and go to Q25.

Q21(a) For all informants aged 18 and over, we need to check whether they have a clotting or bleeding disorder. Only a small proportion of the population suffer from such a disorder so most of you will probably find that no-one in your sample says 'yes' to this question. If you do find someone with a clotting or bleeding disorder then you should not attempt to take a blood sample. Ring code 1 and go to Q24; at Q24 ring code 3 to note that a blood sample was not taken and record details of the disorder at Q24(b).

For the vast majority of informants who do not have any clotting/bleeding disorder, ring code 2 and go to Q21(b) to ask the informant if they are willing to give a blood sample. Then please follow the signposting in the outer right column.

Q22 The two most common reasons for refusing a blood sample are given: previous difficulties with venepuncture and dislike/fear of needles. If the informant refuses to give a blood sample for either or both of these reasons, ring the appropriate code(s). If the informant refuses to give a blood sample for any other reason, please probe and give full details of reasons for refusal.

Q23 Taking a blood sample is an invasive procedure for which we have decided that we want a written consent. As with measuring blood pressure, we also need written consent to send the results of the blood sample analysis to the informant's GP. Please follow the instructions on the schedule (Q23a-Q23e) and the signposts in the outer right column.

Q23(a) When you measured the informant's blood pressure, you would have been told whether the informant is registered with a GP. Please follow the signposting in the outer right column.

Q24 It might not be possible to take a blood sample from all those who have given consent, e.g. no suitable vein. Please record this at Q24 and give full details at Q24(b).

Q24(a) We would like to know if any difficulties occurred while taking the blood sample. If an informant suffers from any after effects, we must be able to inform the GP of the circumstances. Please give full

details of any difficulties

Q25 Do not forget to fill in the time box when you have finished the schedule. This will help you to calculate the total time taken for the schedule (see front page of the schedule).

Q26 Thank the informant for their co-operation. You may like to remind them of the purpose leaflets they have been given earlier, if they have any queries or worries after you have left, they should telephone or write to the telephone number/address on the leaflets

HEALTH SURVEY FOR ENGLAND:1991

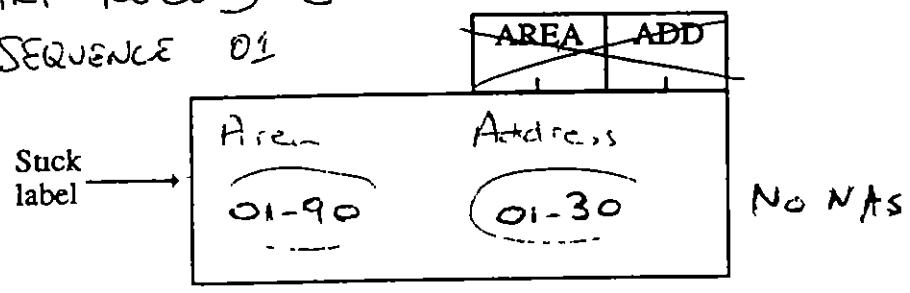
MASTER SCHEDULES

SC Throughout.

CODING MASTER ID. 4 digit 6-9

IN CONFIDENCE
HEALTH SURVEY S1200
HOUSEHOLD SCHEDULE

1991
 A
 1/2 - Rec type
 2/2 - Seq no
 START RECORD 3
 SEQUENCE 01



Interviewer name

14-15 16 17 18 19
 DINTA MINTA YINTA

Authorisation number

Date of Interview	DAY	MONTH	YEAR
	01-31 NA	09-12 NA	9 1

Number of adults (16+) in household → 01-19 NADULTS 20-21
 No NAs

Number of adults interviewed (incl. proxies) → 01-19 NPERSINT
 No NAs
 22-23

Person no Ring	Relationship to HOH	Sex		Date of birth			Age	Marital status					
		14 15 OFF USE No NAs	16 17 M F	18-19 Day	20-21 Mth	22-23 Year		24 25	No NAs 26-27 M C S W D Sep				
01	HOH	00	1 2	01-31 NA	01-12 NA	00-99 NA	01-99 NA	1 2 3 4 5 6					
02		01-09 11, 99	1 2	01-31 NA	01-12 NA	00-99 NA	01-99 NA	1 2 3 4 5 6					
03	NA = 99		1 2					1 2 3 4 5 6					
04			1 2					1 2 3 4 5 6					
05	Each line as line 2		1 2					1 2 3 4 5 6					
06			1 2					1 2 3 4 5 6					
07			1 2					1 2 3 4 5 6					
08			1 2					1 2 3 4 5 6					
09			1 2					1 2 3 4 5 6					
10			1 2					1 2 3 4 5 6					

END REC 4
 SEQUENCE 1

HOUSEHOLD DETAILS

1. Does your household own or rent this accommodation?

- OWNORENT*
- Owens - with mortgage loan
 - outright.....
 Rents - local authority/new town
 - housing association
 - privately unfurnished
 - privately furnished
 - from employer
 - other with payment
 Rent free

1
2
3
NA
4
5
6
7
8
9

24-25

2. How many bedrooms does your household have, including
bedsitting rooms and spare bedrooms?

- BEDROOMS*
- Exclude bedrooms converted to other uses**
 1 - 8 Enter No
 9 or more

NA
1-8
9

26-27

3. Does your household have any form of central heating, including
electric storage heaters, in your (part of the) accommodation?

**Central heating = 2 or more rooms
kitchens, halls, landings, bath/wc
heated from one central source**

- CENTHEAT*
- Yes
 No

1
NA
2

28-29

4. Does your household have a telephone in your (part of the) accommodation?

Shared telephones located in public hallways to be included only if this household is responsible for paying account.

Yes
No

PHONE

1
NA
2

30 31

5. Is there a car or van normally available for use by you or any members of your household?

Yes
No

CAR

1
2 NA

(a)
Q6

32-33

INCLUDE: Any provided by employers if normally available for private use by informant or members of the household.

(a) Is there one or more than one?

1
2
3 or more

NUMCARS

1
NA
2
3

Q6

34-35

6. Are you or anyone else in your household receiving any of the following state benefits?

Individual prompt

Income support
Family credit
Housing benefit

INCSUP
FAMCRED
HOUSEBEN

YES NO

1 NA 2
1 NA 2
1 NA 2

36 37

38-39

40-41

END RECORD 3

SEQUENCE 1

78

HEALTH SURVEY S1200

Seq no 3.4

START RECOLI 17

SEQUENCE 1

IN CONFIDENCE

MEASUREMENT SCHEDULE (NURSES)

Area	Address	Peris No
01-90	01-30	01-19 11-12

J

No NAs

NB PERSONO= LAST

2 digits of label
FIRST 4 digits are
not keyed.

Nurse's name:

Informant's first name:

14-15 16 17 18-19
VIS DAY VIS MON VIS YR

Date of visit

DAY	MONTH	YEAR
NA 01-31	NA 09-12	9, 1

Start time for measurement schedule (24 hour clock)

20 21

HRS	MINS
00-24 NA	00-59 NA

22-23

Total time taken for measurement schedule

24 25

HRS	MINS
00-24 NA	00-59 NA

26 27

Date when blood sample was posted

28 29

POST DAY POST MON POST YR

DAY	MONTH	YEAR
01-31 NA	09-12 NA	9, 1

32 33

Time when blood sample was posted (24 hour clock)

34 35

HRS	MINS
00-24 NA	00-59 NA

36-37

Nurse check:

Check whether any of the household members have eaten, smoked or drunk any alcohol in the previous 30 minutes. Rearrange order of informants as necessary. Do not alter order of measurements for any informant.

<p>Are you currently feeling unwell because of any illness or injury?</p> <p>Yes</p> <p>No</p>	<p>ILLNOW</p>	<p>1</p> <p>2 NA</p>	<p>38-39</p> <p>GOTO (a)</p> <p>GOTO Q3</p>
<p>(a) What is the matter with you?</p> <p>Probe and record</p>	<p>ALLSUM 1-6</p> <p>NA = 99</p> <p>NAS</p> <p>DNAS</p>	<p>MC</p> <p>01-99</p>	<p>40-51</p> <p>Max MC = 6</p>
<p>Women only <i>gauge the SD</i></p> <p>Can I just check, are you pregnant now?</p>	<p>DNAMANTJ</p> <p>DNA, man</p>	<p>9</p>	<p>52-53</p> <p>GOTO Q4</p>
<p>Can I just check, are you pregnant now?</p> <p>Yes</p> <p>No</p>	<p>PREGNOWJ</p>	<p>1</p> <p>NA</p> <p>2</p>	<p>54-55</p> <p>GOTO Q4</p>
<p>Are you currently taking or using any medicines, pills, ointments or injections prescribed for you by a doctor?</p> <p>Yes</p> <p>No</p>	<p>MEDCINETJ</p>	<p>1</p> <p>2 NA</p>	<p>56-57</p> <p>GOTO Q5</p> <p>GOTO Q7</p>

END SEQUENCE 1

RECORD 17

Q5. USE OF MEDICINES - SUPPLEMENTARY SHEET

PRESCRIBED MEDICINE 7		PRESCRIBED MEDICINE 8	
FULL NAME.		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
MED7		MED8	
26-27		28-29	
PRESCRIBED MEDICINE 9		PRESCRIBED MEDICINE 10	
FULL NAME		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
MED9		MED10	
30-31		32-33	
PRESCRIBED MEDICINE 11		PRESCRIBED MEDICINE 12	
FULL NAME		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
MED11		MED12	
34-35		36-37	
PRESCRIBED MEDICINE 13		PRESCRIBED MEDICINE 14	
FULL NAME		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
MED13		MED14	
38-39		40-41	

No NA

2nd Continuation
sheet.

K

Q5. USE OF MEDICINES - SUPPLEMENTARY SHEET

PRESCRIBED MEDICINE 7	PRESCRIBED MEDICINE 8
FULL NAME: BRAND: STRENGTH: 42-43 DOSE: MED 15 <input type="checkbox"/>	FULL NAME: BRAND: STRENGTH: 44-45 DOSE: MED 16 <input type="checkbox"/>
PRESCRIBED MEDICINE 9	PRESCRIBED MEDICINE 10
FULL NAME: BRAND: STRENGTH: 46-47 DOSE: MED 17 <input type="checkbox"/>	FULL NAME: BRAND: STRENGTH: 48-49 DOSE: MED 18 <input type="checkbox"/>
PRESCRIBED MEDICINE 11	PRESCRIBED MEDICINE 12
FULL NAME: BRAND: STRENGTH: DOSE: <input type="checkbox"/>	FULL NAME: BRAND: STRENGTH: DOSE: <input type="checkbox"/>
PRESCRIBED MEDICINE 13	PRESCRIBED MEDICINE 14
FULL NAME: BRAND: STRENGTH: DOSE: <input type="checkbox"/>	FULL NAME: BRAND: STRENGTH: DOSE: <input type="checkbox"/>

No NA

For each prescribed medicine ask question 5

5. What is it? Has it a brand name?

Ask if you can see the containers for all prescribed medicines currently being taken.

Record the full names of each prescribed medicine in the grid below.

PLEASE WRITE IN BLOCK CAPITALS

PRESCRIBED MEDICINE 1		PRESCRIBED MEDICINE 2	
FULL NAME		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
<p>MED 1 14-15 <input type="text" value="01-99"/></p>		<p>MED 2 16-17 <input type="text" value=""/></p>	
PRESCRIBED MEDICINE 3		PRESCRIBED MEDICINE 4	
FULL NAME:		FULL NAME.	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
<p>MED 3 18-19 <input type="text" value=""/></p>		<p>MED 4 20 21 <input type="text" value=""/></p>	
PRESCRIBED MEDICINE 5		PRESCRIBED MEDICINE 6	
FULL NAME		FULL NAME	
BRAND		BRAND	
STRENGTH		STRENGTH	
DOSE		DOSE	
<p>MED 5 22 23 <input type="text" value=""/></p>		<p>MED 6 24-25 <input type="text" value=""/></p>	

No NAs

USE SUPPLEMENTARY SHEET IF NECESSARY

All boxes as box 1

Max No Boxes = 18

3. To women aged 55 or under

DNASS

50-51

DNA, men and women over 55

9

GO TO Q7

May I just check, have you included the contraceptive pill if you are currently using it?

Yes PILL

No

1
NA
2

52-53

GO TO Q7

MAKE SURE CONTRACEPTIVE PILL HAS BEEN INCLUDED IN THE GRID IF IT IS CURRENTLY BEING USED

ASK ALL

At present, are you taking any vitamin or mineral supplements or anything else to supplement your diet or improve your health other than those prescribed by your doctor?

VITAMIN

Yes

No

1
2 NA

54-55

GO TO Q8

GO TO Q10

Ask if you can see the containers for all vitamin and mineral supplements being taken. Check if any contain iron. Iron may appear as ferrous salts eg ferrous sulphate, ferrous fumarate or ferrous gluconate, etc.

IRON

Ring code if any of the supplements contain iron.

Supplement(s) contains iron

Supplement(s) contains no iron

Unclear whether supplement(s) contains iron..

1
2
3 NA

56-57

GO TO Q9

GO TO Q10

GO TO Q9

END SEQUENCE 2

RELOAD 17

85

Q9 DIETARY SUPPLEMENTS - SUPPLEMENTARY SHEET

For each supplement taken, record full description, including brand name, strength, dose, how often usually taken and iron content of each dose

(d) (i) Description and brand name

(ii) Strength

(iii) Dose, no of tablets, drops, 5 ml spoons

(iv) How often usually taken, no of times and period; eg 3 x a day

(v) Iron content

(e) (i) Description and brand name

(ii) Strength

(iii) Dose, no of tablets, drops, 5 ml spoons

(iv) How often usually taken; no of times and period, eg 3 x a day

(v) Iron content

(f) (i) Description and brand name

(ii) Strength.

(iii) Dose, no of tablets, drops, 5 ml spoons

(iv) How often usually taken, no. of times and period, eg 3 x a day

(v) Iron content

OFF USE ONLY	SUPD1	SUPD2	SUPD3	SUPD4	SUPD5
(d)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	44-45	46-47	48-49	50-51	52-53
	SUPE1	SUPE2	SUPE3	SUPE4	SUPE5
(e)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	54-55	56-57	58-59	60-61	62-63
	SUPF1	SUPF2	SUPF3	SUPF4	SUPF5
(f)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	64-65	66-67	68-69	70-71	72-73

END SEQUENCE 4

RECORD 1/1

9. For each supplement containing iron record full description, including brand name, strength, dose, how often usually taken and iron content of each dose.

(a) (i) Description and brand name

(ii) Strength

(iii) Dose, no. of tablets, drops, 5 ml spoons:

(iv) How often usually taken, no. of times and period, eg 3 x a day

(v) Iron content

(b) (i) Description and brand name

(ii) Strength:

(iii) Dose; no. of tablets, drops, 5 ml spoons:

(iv) How often usually taken; no. of times and period; eg 3 x a day

(v) Iron content

(c) (i) Description and brand name

(ii) Strength:

(iii) Dose; no. of tablets, drops, 5 ml spoons:

(iv) How often usually taken; no. of times and period; eg 3 x a day

(v) Iron content

Continuation Sheet 'L' as this page -

OFF USE ONLY	(i)	(ii)	(iii)	(iv)	(v)
(a)	01-99 14 15	01-99 16 17	01-99 18-19	01-99 20-21	01-99 22-23
(b)	24-25	26 27	28-29	30 31	32-33
(c)	34 35	36 37	38 39	40-41	42-43

NA = 99
each line a.
1st line.
Max lines = 6

BLOOD PRESSURE AND HEART RATE READINGS

0. To all except pregnant women

DNAPREG
DNA, pregnant

Preamble: We would like to measure the blood pressure of everyone taking part in the survey. The analysis of all blood pressure readings will tell us a lot about the health of the population.

May I just check, have you eaten, smoked or drunk alcohol in the past 30 minutes?

CONSUME - 3

Code all that apply

Eaten.....
Smoked.....
Drunk alcohol.....
No.....

14-15

9 GO TO Q15

16-21

1
NA
2
3
4

MAX MC = 3
GO TO Q11

1. Take three measurements from right arm and record readings below:

First reading:

FIRSTMAP

MAP (mmHg)

0	20	-	2	50
---	----	---	---	----

22-24

SYSTOLIC (mmHg)

0	40	-	2	55
---	----	---	---	----

FIRSTSYS
25-27

PULSE (bpm)

0	10	-	2	20
---	----	---	---	----

28-30

DIASTOLIC (mmHg)

0	00	-	2	50
---	----	---	---	----

FIRSTDIA
31-33

Second reading.

SECMAP

MAP (mmHg)

0	20	-	NA	50
---	----	---	----	----

34-36

SYSTOLIC (mmHg)

0	40	-	NA	55
---	----	---	----	----

SECSYS
37-39

PULSE (bpm)

0	10	-	NA	20
---	----	---	----	----

40-42

DIASTOLIC (mmHg)

0	00	-	NA	50
---	----	---	----	----

SEC DIA
43-45

IF first reading entered (then 2nd and/or 3rd may be blank) - then Q12=2. if all readings blank then

Third reading:

Q12=1

THIRMAP

MAP (mmHg)

0	20	-	NA	50
---	----	---	----	----

46-48

SYSTOLIC (mmHg)

0	40	-	NA	55
---	----	---	----	----

THIRSYS
49-51

PULSE (bpm)

0	10	-	NA	20
---	----	---	----	----

52-54

DIASTOLIC (mmHg)

0	00	-	NA	50
---	----	---	----	----

THIRDIA
55-57

2. Ring code:

Blood pressure measurement REFUSED

Blood pressure measurement NOT REFUSED

NO N/A'S

1
2

GO TO (a)

GO TO Q13

(a) Give reason for refusal. Then go to Q15 (demi-span measurements)

58-59

BPREF

5. Record any difficulties in taking readings *RECORD 1*

No difficulties *READ IF M - 6*

Informant was upset/anxious/nervous.....

Erratic pulse (error 844).....

Excessive movement (error 844).....

Other (Give full details).....

Code all that apply

MC

9

1

NA

2

3

4,8

10-20

SC

Max MC = 6

Check pulse

14. Complete blood pressure consent form (BP2)

(a) Are you registered with a GP?

Q PREG

Yes

No

1

2 NA

26-27

GO TO (b)

GO TO (f)

(b) May we send your blood pressure readings to your GP?

Q PSEN

Yes

No

1

2 NA

28-29

GO TO (d)

GO TO (c)

(c) Specify reasons for refusals:

Hardly/Never sees GP..... *Q P REFM 1-3*

GP knows of informant's BP level

Does not want to bother GP

Other (Give full details and then go to (f) ...

Code all that apply

MC

1

NA

2

3

4-20

30-35

Max MC = 3

GO TO (f)

(d) Record name and address of GP on the blood pressure consent form (BP2). Obtain informant's signature on blood pressure consent form (BP2).....

SEND YES

NO N/A

9

36-37

GO TO (e)

(e) Record blood pressure readings on the blood pressure consent form (BP2). Send back copy (pink) and letter (BP1) to informant's GP. Return the top copy (white) to HQ.....

SEND NO

NO N/A

9

38-39

GO TO Q15

(f) Record blood pressure readings on the blood pressure consent form (BP2). Give the back copy (pink) to informant. Send the top copy (white) to HQ

7 Q P REG NO

NO N/A

9

40-41

GO TO Q15

DEMI-SPAN

15. Preamble: I would now like to measure the length of your arm. Like height it is an indicator of size.

Measure demi-span to the nearest mm

1st measurement (cms) ——— SPAN1 ———> 001-200
NA . 0-9
NA blank 42 43-46

2nd measurement (cms) ——— SPAN2 ———> 001-200
NA . 0-9
NA blank 47 **GOTO (c)** 48-51

(a) If first or second demi-span measurement **REFUSED**, SPANREF ———> 9 **GOTO Q16** 52-53

* If both measurements blank then (a) or (b) applies. If 2nd measurement only blank then (b) applies

(b) If demi-span measurement **NOT ATTEMPTED**, SPANNA1 ———> 9 **GOTO Q16** 54-55

(c) Demi-span was measured with the informant

Standing: against the wall SPANPOS

not against the wall

Sitting

Lying down

1
2
NA
3
4

(d) Record any difficulties in measuring demi-span:

No difficulties SPANDIFF

Difficulties (Give full details)

9 NA
1

(e) 0

NA = 9

SPNDIFM1-6

MC

1-9

May. MC = 6

60-71

89 END SEQUENCE 5

178

START SEQUENCE 6
RECORD 17

WAIST AND HIP CIRCUMFERENCES

16. To all except pregnant women.

- DNA, pregnant DNA PREGW

14 15

9

GO TO Q25

Preamble: I would now like to measure your waist and hips
The waist relative to hips measurement is very useful for
assessing the distribution of weight over the body.

Measure the waist and hip circumferences to the nearest mm.

Blank 16

1st measurement:

waist circumference (cms)	WAIST 1	001-200 NA	0-9 NA	17-20
hip circumference (cms)	HIP 1	001-200 NA	0-9 NA	Blank 21 22-25

2nd measurement:

waist circumference (cms)	WAIST 2	001-200 NA	0-9 NA	27-30 Blank 31
hip circumference (cms)	HIP 2	001-200 NA	0-9 NA	32-35 GO TO Q19

17. If first or second measurements REFUSED, ring code and specify reasons

WHIPREF

* If both measurements blank then Q17 or 18 apply. If 2nd measurement only blank then Q17 applies.

9

IF 1st & 2nd MEASUREMENTS REFUSED
GO TO Q21
36-37
IF ANY MEASUREMENTS TAKEN GO TO Q19

18. Ring code if waist and hip measurements NOT ATTEMPTED for any of the following reasons. WHPNATM1-6

Code all that apply

Informant is chairbound.
Other

MC

1

NA

2-9

38-39
GO TO Q21
Max MC = 6

(a) Give full details of why you did not attempt the waist and hip measurements. Then go to Q21.

END SEQUENCE 6
RECORD 17

RECORD 17

19. Ring code if waist circumference affected by any of the following:

WAISTM1-3
Waist circumference not affected:

Code all that apply

- Clothing.....
- Posture.....
- Other.....

(a) Give full details.

MC

9

1

2

3

14-19

SC

GO TO Q20

Max MC = 3

GO TO (a) = 3

NA = 99

WISTM1-6

MC

01-20

99

Max MC = 6

20-31

20. Ring code if hip circumference affected by any of the following:

HIPM1-3
Hip circumference not affected:

Code all that apply

- Clothing.....
- Posture.....
- Other.....

(a) Give full details.

MC

9

1

2

3

32-37

SC

GO TO Q21

Max MC = 3

GO TO (a) = 3

NA = 99

HIPDFM1-6

MC

01-20

99

Max MC = 6

38-49

END SEQUENCE 7

RECORD 17

START SEQUENCE 8

RECORD 17

BLOOD SAMPLE

21. To those aged 18 and over

DNABS
DNA, aged 16/17

14-15
GO TO Q25

Explain purpose and procedure for taking blood

(a) May I just check, do you have a clotting or bleeding disorder?

CLOT
Yes
No

16 17
EXPLAIN CANT TAKE BLOOD
GO TO Q24
1
2
GO TO (b)

(b) Would you be willing to have a blood sample taken?

WILLBS
Yes
No

18-19
GO TO Q23
1
2
GO TO Q22

2. Ring code if blood sample REFUSED for any of the following reasons.

Code all that apply

BSREFM1-6
Previous difficulties with venepuncture

Dislike/Fear of needles

Other (Give full details and then go to Q25) .

MC
1
2
3-9
20-31
GO TO Q25
Max MC = 6

23. Complete blood sample consent form (BS2)

(a) Ring code:

GPSAM
Q14(a) coded 1 (Registered with GP)

Q14(a) coded 2 (No GP) or NA

NO NAB
1
2
32 33
GO TO (b)
GO TO (e)

(b) May I just check, may we send your results of the blood sample analysis to your GP?

Yes
No... SENDSAM

34-35
1
2
GO TO (d)
GO TO (c)

(c) May I just check, why do you not want your blood sample results sent to your GP?

Code all that apply

SEND SAM 1-3
Hardly/Never sees GP

GP has recently taken blood sample

Does not want to bother GP

Other (Give full details)

MC
1
2
3
4-20
36-41
GO TO (e)
Max MC = 3

92

HQ CPSAM

42-43

(d) Record name and address of GP on blood sample consent form (BS2). Check if the form is filled in properly. Obtain signatures on the form. Send blood sample consent form (BS2) to HQ

No NAs

1

GO TO Q24

(e) Check if consent form (BS2) is filled in properly. Obtain signatures on the form. Send the blood sample consent form (BS2) to HQ

No NAs

1

GO TO Q24

44-45

HQSAM

24. Blood sample outcome

Ring code:

SAMP TAKE

Blood sample taken with tourniquet

1

46-47

GO TO (a)

Blood sample taken without tourniquet

2

No blood sample taken

3 NA

GO TO (b)

(a) Record any difficulties in taking blood sample:

No difficulties

9

NA

GO TO Q25

Difficulties (Give full details) SAMP DIFFIC

1

2-8

Max MC = 3

MC

48-53

(b) Ring code if sample not taken for any of the following reasons:

Code all that apply

No suitable vein NOSAMP 1-6

1

NA

Max MC = 6

Informant was too anxious/nervous

2

Other (Give full details)

3-9

54-65

MC

NEW) HR NEW) MIN

25. ENTER FINISH TIME (24 hour clock) →

HRS	MINS
00-24 NA	00-59 NA

26. **THANK INFORMANT FOR CO-OPERATION.**

66-67 68-69

END) SEQUENCE 8

RECORD) 17

93

SC unless MC indicated. CODING MASTER

IN CONFIDENCE
HEALTH SURVEY S1200
INDIVIDUAL SCHEDULE

START REC 7 12 = rec type
SEQUENCE 1 34 = seq no

1991
B

AREA	ADD
Area	Address
01-90	01-30

Stick label →

No NAs

Informant's first name:

.....

Write in →

PERSNO	01-19	
DINTB	16-17	
DAY	MONTH	YEAR
01-31	09-12	9 1
14-15	18-19	
Date of Interview		
STARTHRB	STARTMNB	
HRS	MINS	
00-24	00-59	
20 21	22-23	
Start time (24 hr clock)		
NA	NA	

No NAs

ENTER START TIME

INTERVIEWER CODE

TO BE COMPLETED AT END OF INTERVIEW

FORMAT OF INTERVIEW

FORMINT

Single interview	1	24-25
Joint interview: 2 people	2	No NAs
3 or more people	3	

GENERAL HEALTH

1. How is your health in general? Would you say it was. *GENHELF*

*
Running
prompt

very good
good
fair
bad
or very bad?

1
2
3
NA
4
5

26-27

2. Do you have any long-standing illness, disability or infirmity?
By long-standing I mean anything that has troubled you over
a period of time or that is likely to affect you over a period of
time?

*

LONGILL

Yes

No

1
2 NA

28-29

Q3

Q4

3. What is the matter with you?

*

ILL SMI-6
NA = 99

MC

41-40

SC

41-42

99

Max MC
= 6

30-41

4. Now I'd like you to think about the 2 weeks ending yesterday.
During those 2 weeks did you have to cut down on any of the
things you usually do (about the house or at work or in your
free time) because of (answer at Q3 or some other) illness or
injury?

LASTFORT
Yes

No

1
NA
2

42-43

GO TO
SYMPTOMS
PAGE 3

SYMPTOMS

Chest pain

1. Have you ever had any pain or discomfort in your chest?

Yes *CHESTPAIN*

No

1

Q2 44-45

2 NA

Q11

2. Do you get it when you walk uphill or hurry?

Yes ... *UPHILL*

No

Never walks uphill nor hurries

1

Q3

2 NA

Q9

46-47

3

Q3

Ask or record

3. Do you get it when you walk at an ordinary pace on the level?

Yes *LEVEL*

No

Never walks at an ordinary pace on the level

1

NA

2

48-49

3

4. Interviewer code

Code first that applies

Q2 coded 1 ... *INTCHEST*

(pain when walking uphill or hurrying)

Q3 coded 1 ...

(pain when walking at ordinary pace on the level)

Other / NA

1

Q5

50-51

2

3

Q9

5. What do you do if you get it while you are walking? Do you ...

Running prompt

stop *WALKING*

slow down

or carry on?

1

Q6

52-53

2

3 NA

Q9

6. If you stand still does the pain go away or not? *STOPWALK*

Pain goes away

Pain doesn't go away

1

Q7

54-55

2 NA

Q9

7. How soon does the pain go away? Does it go in ... *HOW SOON*
 Running prompt 10 minutes or less
 * or more than 10 minutes?

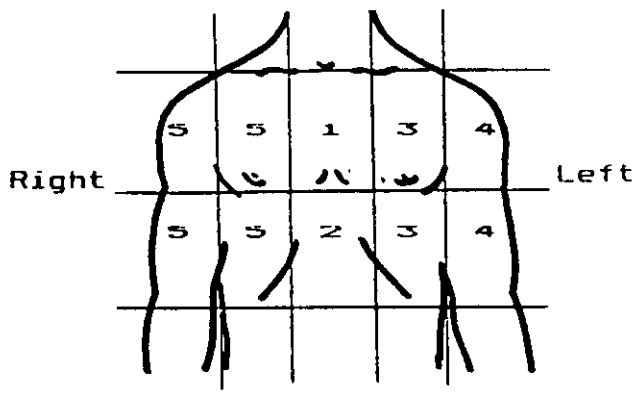
1
 NA
 2

56-57

8. Will you show me where you get this pain or discomfort? *PANSITMI-3*
 Code all that apply
 *
 (a) Mark diagram
 Sternum (upper or middle) ...
 Sternum lower
 Left anterior chest
 Left arm
 Others

MC
 1
 2
 NA
 3
 4
 5

Max MC
 Q9 = 3
 58-63
 (a)



9. Have you ever had a severe pain across the front of your chest lasting for half an hour or more? *EVERPAIN*
 *
 Yes
 No

1
 2NA

64-65
 Q10
 Q11

10. Did you see a doctor because of this pain? *DOCPAIN*
 *
 Yes
 No

1
 2NA

66-67
 (a)
 Q11

(a) What did the doctor say it was? *DOCSAYMI-3*
 Code all that apply
 Angina
 Heart attack
 Did not say
 Other

MC
 1
 2
 3
 4

68-73
 Max MC = 3

START SEQUENCE 2 LEC 7

11. Have you ever had an electrical recording of your heart (ECG) performed?

Yes *ECG*
 No
 (a) Where did you have it?

14-15

1 (a) + (b)
 2 NA Q12

(a) Where did you have it?

Hospital (inpatient) *ECG M1-3*
 Hospital (outpatient)
 GP Surgery
 Other
 DK

MC

1
 2
 NA
 3
 4
 5

16-21

Max MC = 3

Code all that apply

(b) How long ago was this?

If more than one, take last occasion

WHENEKG
 Number of years
 Less than one year

NA,
 01-99
 1
 00

22-23

Phlegm

12. Do you usually bring up any phlegm from your chest first thing in the morning in the winter?

FLEMDAWN

Yes
 No

24-25

1 NA Q14
 2 Q13

13. Do you usually bring up any phlegm from your chest during the day or night in the winter?

FLEMWINT

Yes
 No

26-27

1 Q14
 2 NA Q15

(*)

14. Do you bring up phlegm like this on most days for as much as three months each year?

FLEMREG

Yes
 No

28-29

1
 NA
 2

(*)

Breathlessness

15. **Ask or record** *WINDHILL* 30-31
 Are you troubled by shortness of breath when hurrying on level ground or walking up a slight hill?
 * Yes 1 — Q16
 No 2 NA — Q18
 Never walks uphill or hurries ... 3 — Q16

16. **Ask or record**
 Do you get short of breath walking with other people of your own age on level ground? *WINDPEER* 32-33
 * Yes 1 — Q17
 No 2 — Q17
 Never walks with people of own age on level ground 3 — Q18

17. Do you have to stop for breath when walking at your own pace on level ground? *WINDPACE* 34-35
 * Yes 1
 No 2 NA

Wheezing

18. Have you had attacks of wheezing or whistling in your chest at any time in the last 12 months? *WINDWIZZ* 36-37
 Yes 1
 No 2 NA

19. Have you ever had attacks of shortness of breath with wheezing? *WINDWEEES* 38-39
 * Yes 1 — (a)
 No 2 NA — Q20

(a) (Is/Was) your breathing absolutely normal between attacks? *WINDNORM* 40-41
 * Yes 1
 No 2 NA

20. Have you at any time in the last twelve months been woken at night by an attack of shortness of breath? *WINDWAKE* 42-43
 99 * Yes 1 — GO TO CARDIO-VASCULAR DISEASE PAGE 9
 No 2 NA

BLANK PAGE

START SEQUENCE 3
 RECORD 7

CARDIOVASCULAR DISEASE

Preamble:

You have already talked to me about your health, and now I would like to go on and talk in more detail about some particular conditions. (They may include some of the things you have already mentioned.)

HIGH BLOOD PRESSURE
 (sometimes called hypertension)

1 CVD CONDITIONS

Ask or record
 Do you now have or have you ever had any of the following conditions?

Yes

No / NA

14-15
 EVERBP
 1
 9

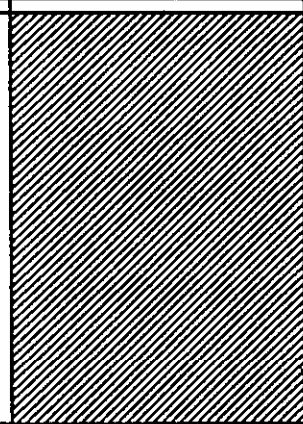
2. If all CVD CONDITIONS coded 9 at Q1, go to Q5, Page 10.

Ask for each CVD CONDITION coded 2, 3, 4 or 5 at Q1
 (angina, heart attack, other heart trouble or stroke)

Others, go to Q5, page 10
 Were you told by a doctor that you had.....(CVD CONDITION)?

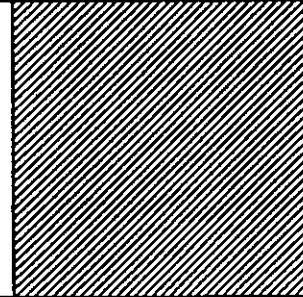
Yes

No / NA



3. Approximately how old were you when you were first told by a doctor that you (have/had).....(CVD condition)?

Enter age (in years) →

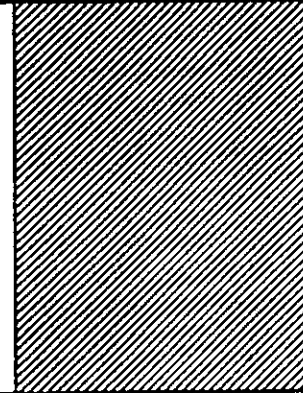


4. Ask or record

Have you had(CVD condition) during the past twelve months?

Yes

No / NA



CVD CONDITIONS

ANGINA	HEART ATTACK <small>(including myocardial infarction or coronary thrombosis)</small>	OTHER HEART TROUBLE <small>(including heart murmur, damaged heart valves or rapid heart) (specify at (a) below)</small>	STROKE	DIABETES
16-17 EVERANGI 2 9	18-19 EVERHART 3 9	20-21 EVEROTH 4 9	22-23 EVERSTRO 5 9	24-25 EVERDI 6 9
26-27 DOCANGI 1 2	28-29 DOCHEART 1 2	30-31 DOCOTHER 1 2	32-33 DOCSTRO 1 2	Q3 Q2 if more conditions otherwise Q5
34-35 AGEANGI NA 01-99	36-37 AGEHEART NA 01-99	38-39 AGEOTHER NA 01-99	40-41 AGESTRO NA 01-99	
42-43 RECANGI 1 2	44-45 RECHART 1 2	46-47 RECOTHER 1 2	48-49 RECSTRO 1 2	Q2 if more conditions otherwise Q5

(a) Other heart trouble:

.....

5. Interviewer code

INTHEART NO NAs

No CVD CONDITIONS (all coded 9 at Q1 page 8).....

1

GO TO USE OF SERVICES PAGE 15

High Blood pressure and/or diabetes only (code 1 and/or code 6 only at Q1, page 8)

2

See Q8

Angina, heart attack, other heart trouble, stroke but none of these diagnosed by doctor (no condition coded 1 at Q2, page 8)

3

See Q8

50-51

Angina, heart attack, other heart trouble, stroke - at least one of these diagnosed by doctor (at least one condition coded 1 at Q2 page 8)

4

(a)

(a) Are you currently taking any medicines, tablets or pills because of your (heart condition/stroke)?

MEDHEART

Yes

1

52-53

NA

No

2

DK

3

6. To all who have ever had angina, heart attack or other heart trouble (codes 2, 3, or 4 ringed at Q1 on page 8)

DNAEVER

DNA, codes 2,3, and 4 not ringed at Q1

9

Q7

54-55

Have you ever undergone any surgery or operation because of your heart condition?

SURGERY

Yes

1

(a)

No

2

56-57

NA

DK

3

(b)

(a) How long ago was this?

WHENSURG

If more than one, take last occasion

Number of years ago

NA
01-99

58-59

Less than one year ago

00

Q7

(b) Can I just check, are you currently on a waiting list for any such surgery or operation?

OPLIST

Yes

1

60-61

NA

No

2

DK

3

START SEQUENCE 4

RECORD 7

7#

Are you currently receiving any other treatment or advice because of your (heart condition/stroke)?

OTHTREAT

Yes
No
DK..

1
2
NA
3

(a) 14 15

See Q8

(a) What other treatment or advice are you currently receiving because of your (heart condition/stroke)?

NA
20mg

Max MC = 3

ADC VMI-3

16-21

To all who have ever had high blood pressure (code 1 ringed at Q1 on page 8)

DNABP

DNA, code 1 not ringed at Q1

9

22-23

See Q13

You mentioned that you have had high blood pressure
Were you told by a doctor or nurse that you had high blood pressure?

DOC NURBP

Yes

No

1
2 NA

24-25

See Q9

See Q13

9. Women only

DNA, man DNAMANBP

9

26-27

Q10

Can I just check, were you pregnant when you were told that you had high blood pressure?

PREGBP

Yes

No

1
2 NA

(a) 28-29

Q10

(a) Have you ever had high blood pressure apart from when you were pregnant?

NOPREGBP

Yes

No

1
2 NA

30-31

Q10

See Q13

10. (Apart from when you were pregnant) approximately how old were you when you were first told by a (doctor/nurse) that you had high blood pressure?

AGEINFBP

Enter age →

NA
01-99
1

32-33

11. Are you currently taking any medicines, tablets or pills for high blood pressure?

MEDCINBP

Yes
No
DK.....

1 NA
2
3

34-35

Q12

(a)

(a) Do you still have high blood pressure?

STILLBP

Yes
No
DK.....

1 NA
2
3

36-37

Ask or record

(b) Have you ever taken medicines, tablets, or pills for high blood pressure in the past?

PASTABBP

Yes
No
DK.....

1
2 NA
3

38-39

(c)

Q12

(c) Why did you stop taking (medicines/tablets/pills) for high blood pressure?

END TABMI-3

Take last occasion

Doctor advised me to stop due to improvement
Informant decided to stop
Other (specify).....
.....
.....
.....

MC
1 NA
2
3-9

40-45

Max MC = 3

12. Are you receiving any other treatment or advice because of your high blood pressure?

ADVICEBP

Yes
No
DK.....

1
2 NA
3

46-47

(a)

See Q13

(a) What other treatment or advice are you currently receiving because of your high blood pressure?

ADBPMI-3

MC
1-9
NA

Max MC = 3

48-53

13. To all who have ever had diabetes (code 6 ringed at Q1 on page 8)

DNA, code 6 not ringed at Q1 DNADIAR

Were you told by a doctor that you had diabetes?

DOCINFDI

Yes

No

9

1
2 NA

54-55

GO TO USE OF SERVICES PAGE 15

See Q14 56 57

GO TO USE OF SERVICES PAGE 15

14. Women only

DNA, man DNAMANDI

Can I just check, were you pregnant when you were told that you had diabetes?

PREGDI

Yes

No

(a) Have you ever had diabetes apart from when you were pregnant?

NOPREGDI

Yes

No

9

1
2 NA

1
2 NA

Q15 58-59

(a) 60-61

Q15

Q15 62-63

GO TO USE OF SERVICES PAGE 15

15. (Apart from when you were pregnant) approximately how old were you when you were first told by a doctor that you had diabetes?

AGEINFDI

Enter age →

NA
01-99
1

64-65

16. Do you currently inject insulin for diabetes?

INSULIN

Yes

No

1
NA
2

66-67

17. Are you currently taking any medicines, tablets or pills (other than insulin injections) for diabetes?

MEDCINDI

Yes

No

DK

1
NA
2
3

68-69

18. Are you currently receiving any other treatment or advice for diabetes?

ADVISED

Yes

No

DK

1
2
NA
3

70-71

(a)

GO TO
USE OF
SERVICES
PAGE 15

(a) What other treatment or advice are you currently receiving for diabetes?

ADDIM1-3

MC

NA
1-9

Max MC

= 3

72-77

GO TO USE OF SERVICES PAGE 15

EN) SEQUENCE 4

RECOL) 7.

USE OF SERVICES

INTSERVS

No NAs

1. Interviewer code

14-15

Informant has CVD condition (codes 1-6 at Q1 'CVD CONDITIONS', page 8)

1 - Q2
2 - Q6

Informant has no CVD condition (all code 9's at Q1 'CVD CONDITIONS', page 8)

2. To those with CVD condition

During the 2 weeks ending yesterday, apart from any visit to a hospital, did you talk to a doctor, on your own behalf either in person or by telephone? DOCTALK

16-17

Exclude consultations made on behalf of others

Yes 1 - (a) + (b)
No 2 NA - Q3(a)+(b)

DOCTIMES

(a) How many times did you talk to a doctor in these 2 weeks? NA 01-99

18-19

(b) (Was this consultation/Were any of these consultations) about (CVD CONDITION/S AT Q1 page 8) you mentioned earlier?

No CVCONSMI-6

MC 7 - SC - Q3 (a)+(b)

Yes, about

Code all that apply
high blood pressure 1
angina 2
heart attack 3 NA
other heart trouble 4
stroke 5
diabetes 6

Max MC - Q4 = 6

20-31

3. (a) Apart from any visit to a hospital, when was the last time you talked to a doctor on your own behalf about (CVD CONDITION/S AT Q1 page 8)?

TALK LAST

Prompt as necessary

Less than 2 weeks ago X

2 weeks but less than a month ago

1 month but less than 3 months ago

3 months but less than 6 months ago

6 months but less than a year ago

A year or more ago

1

2 NA

3

4

5

32-33

Go back to Q2

(b)

Interviewer: Record answer if only one condition reported at Q1 'CVD CONDITIONS' page 8. Ask question if more than 1 condition coded at Q1 'CVD CONDITIONS', page 8.

(b) Which condition was this consultation about?

CONSMI-6

Code all that apply

high blood pressure

angina

heart attack

other heart trouble

stroke

diabetes

MC

1

2 NA

3

4

5

6

34-45

Max M

Q4 = 6

4. During the last 12 months, that is since (DATE 1 YEAR AGO), did you attend hospital as a casualty, out-patient or day-patient?

OUTPAT

Yes.....

No.....

1

2 NA

46-47

(a)

Q5

(a) Was this because of your (CVD CONDITION/S AT Q1 page 8)?

WHYOPAT

Yes.....

No.....

1

NA

2

48-49

Q5

5. During the last 12 months, have you been in hospital as an in-patient, overnight or longer?

INPAT

Yes.....

No.....

1

2 NA

50-51

(a)

Q8

(a) Was this because of your (CVD CONDITION/S AT Q1 page 8)?

WHYINPAT

Yes.....

No.....

1

NA

2

52-53

Q8

6. To those with no CVD condition

During the 2 weeks ending yesterday, apart from any visit to a hospital, did you talk to a doctor, on your own behalf either in person or by telephone?

NOC V1

54-55

Exclude consultations made on behalf of others

Yes

1

(a)

No

2 NA

Q7

NOC V2

(a) How many times did you talk to a doctor in these 2 weeks?

NA
0-99

56-57

Q8

7. Apart from any visit to a hospital when was the last time you talked to a doctor on your own behalf?

NOC V3

58-59

- Prompt as necessary
- Less than 2 weeks agoX
 - 2 weeks but less than a month ago.....
 - 1 month but less than 3 months ago.....
 - 3 months but less than 6 months ago.....
 - 6 months but less than a year ago.....
 - A year or more ago

1
2
3
4
5

Go back to Q6

Q8

END SEQUENCE 5
REC 7

8. To all Ask or record *REC 7*

May I just check, have you ever had your blood pressure measured by a doctor or nurse?

Yes *BPMEAS*
 No
 DK/Not sure */NA*.....

1
2
3

14-15
(a)
Q9

(a) When was the last time your blood pressure was measured by a doctor or nurse?

Was it *MEASLAST*
 during the last 12 months
 at least a year but less than 3 years ago
 Running at least 3 years but less than 5 years ago
 prompt 5 years ago or more?

1
2
3
4
5

16-17
(b)

Spontaneous: DK/Can't remember */NA*.....

(b) Thinking about the last time your blood pressure was measured by a doctor or nurse:

Were you told it was. . . . *LEVELBP*
 Running alright or fine
 prompt higher than normal
 lower than normal
 or not told anything? ...

1
2
3
4
5

18-19
(d)
(c)
(d)
Q9

Codes 1, 2, 3 = told with or without informant asking

Spontaneous: DK/Can't remember */NA*

(c) To those whose blood pressure was higher than normal at last reading (Q8b coded 2) but informant did not report high blood pressure at Q1 'CVD CONDITIONS', page 8.

DNAOTH
 DNA, others

9

20-21
(d)

Is this the only time your blood pressure has been higher than normal or has it been higher than normal a number of times?

ONLYBP
 Only time
 A number of times

NONAS
1
2

22-23
(d)
Ask Q1 'CVD CONDITIONS', page 8 again as a check question. If 'Yes' to high blood pressure, go through CVD section again. Then ask (d).

(d) Were you told the numerical value of your blood pressure measurement?

TOLDBP
 Yes
 No
 DK/Can't remember */NA*.....

1
2
3

24-25
(e)
Q9

(e) What was the numerical value?

NUMBP

Write in values

Systolic (mmHg)

.....

Diastolic (mmHg)

.....

Can't remember

NA

1

2

26-27

9. Have you ever had your blood cholesterol level measured by a doctor or nurse?

CHOLEST

Yes

No

DK/Not sure *NA*

1

2

3

28-29

Q10

GO TO MEDICAL DIET PAGE 21

10. (a) When was the last time your blood cholesterol was measured by a doctor or nurse?

Was it

LASTCHOL

during the last 12 months

Running prompt

at least a year but less than 3 years ago

at least 3 years but less than 5 years ago

5 years ago or more?

Spontaneous: DK/Can't remember *NA*

1

2

3

4

5

30-31

(b)

(b) Thinking about the last time your blood cholesterol was measured by a doctor or nurse were you told it was.....

CHOLEVEL

alright or fine

Running prompt

higher than normal

lower than normal

or not told anything? ..

Spontaneous: DK/Can't remember *NA*

1

2

3

4

5

32-33

(c)

GO TO MEDICAL DIET PAGE 21

Codes 1, 2, 3 = told with or without informant asking

(c) Were you told the numerical value of your blood cholesterol measurement?

TOLDCHOL

Yes

No

DK/Can't remember/NA

1
2
3

34-35

(d)
GO TO
MEDICAL DIET
PAGE 21

(d) What was the numerical value?

Total Cholesterol (mmol/l)

NUMCHOL

Write in
value

.....

DK/Can't remember/NA

1
2

36-37

GO TO
MEDICAL DIET
PAGE 21

MEDICAL DIET

1. Has a doctor, nurse or dietician ever advised you to go on a diet or to cut down on or eat more of certain foods?

DOCDIET

Yes

No

1
2 NA

(a)

38-39

GO TO
ACTIVITY AND
EXERCISE
PAGE 22

(a) Did you follow this advice . . .

FOLLDIET

all of the time

most of the time

some of the time

or not at all?

1
2
NA
3
4

40-41

Take most recent diet

Running prompt

2. Did the (doctor/nurse/dietician) advise you to go on one or more of the following diets

DIETM1-6

low salt diet

low calorie diet

low fat diet

high fibre diet

other diet? (Specify)

.....

.....

.....

MC

1
2
NA
3
4
5-9

Max MC

= 6

42-53

Running prompt

Code all that apply

Hand informant card A

3. Which of the reasons or health conditions on the card caused you to go on the diet(s)?

YDIETM1-6

High Blood Pressure (sometimes called hypertension)

Overweight

High Blood Cholesterol

Diabetes

Heart Disease

Constipation

Other

MC

1
NA
2
3
4
5
6
7

Max MC

= 6

54-65

Code all that apply

END RECORD 7

ACTIVITY AND EXERCISE

START SEQUENCE 1

Preamble:

I'd like to ask you about some of the things you have done at work or in your free time that involve physical activity in the past 4 weeks that is from..... up to yesterday.

Activity at work and around the house.

1. (Can I just check) were you in paid employment or self employed in the past 4 weeks?

WORK

Yes.....

No.....

1
2 NA

14-15

Q2

Q3

2. Thinking about your job in general would you say that you are ...

ACTIVE



Running prompt

very physically active

fairly physically active

not very physically active

or not at all physically active in your job?

1
NA
2
3
4

16-17

3. Preamble for informants who were in work or self-employed: I'd like you to think about the physical activities you have done when you were not doing your paid job.

Have you done any housework in the past 4 weeks?

HOUSEWORK

Yes.....

No.....

1
2 NA

18-19

(a)

Q4

(a) Some kinds of housework are heavier than others. This card gives examples of heavy housework, it does not include everything. These are just examples. Was any of the housework you did in the past 4 weeks this kind of heavy housework?

Show Card B

Yes.....

No.....

HEAVYWORK

1
2 NA

20-21

(b)

Q4

(b) During the past 4 weeks on how many days have you done that kind of heavy housework?

HEAVYDAY

No. of days

NA
01-28

22-23

4. Have you done any gardening, DIY or building work in the past 4 weeks?

GARDEN

Yes
No

1
2 NA

(a) 24-25
Q5

(a) Could you have a good look at this card which gives examples of heavy manual gardening and DIY work Was the gardening or DIY you did in the past 4 weeks of the heavy manual kind?

Show Card C

MANWORK

Yes ..
No...

1
2 NA

(b) 26-27
Q5

(b) During the past 4 weeks, on how many days in total did you do this kind of heavy manual gardening or DIY?

MANDAYS

No. of days →

NA
01-28

28-29

5. Have you done any walks of a quarter of a mile or more in the past 4 weeks? That would usually be continuous walking lasting 5 to 10 minutes

WALK

Ask or record

Yes.....
No
Can't walk at all

1
2 NA
3

Q6 30-31
Q8

6. Preamble:
I'd like you to think about all the walking you have done in the past 4 weeks either locally or away from here. Please include any country walks, walking in the course of your work, walking to and from work and any other walks that you have done.

Did you do any walks of 1 mile or more in the past 4 weeks? That would usually be continuous walking for at least 20 minutes

MILEWALK

Yes
No

1
2 NA

32-33
(a)
Q8

(a) During the past 4 weeks, how many times did you do any walks of 1 mile or more?

MILENUM

No. of times →

NA
01-99

34 35

7. Which of the following best describes your usual walking pace . . .

WALKPACE

*

Running prompt

a slow pace
a steady average pace
a fairly brisk pace
or a fast pace - at least 4 mph?..

1
2 NA
3
4

36 37

Sports and Exercise

8. Can you tell me if you have done any of the activities on this card during the last 4 weeks?

Show Card D

ACT ANY

Yes 1

No 2 NA

38-39 (a) GO TO SMOKING PAGE 26

(a) Interviewer code or record the sports and exercise done in column 1 of the grid opposite.

**1991 Health Survey
Coding frame for sports and exercise - Q9 page 25**

Sports	Code
Backpacking/hiking.....	2
Basketball.....	2
Bowls.....	1
Boxing.....	3
Canoeing.....	2
Climbing.....	2
Cricket.....	1
Darts.....	1
Field athletics.....	2
Fishing.....	1
Golf.....	1
Hiking/backpacking.....	2
Hockey.....	2
Ice skating.....	2
Martial arts, karati, judo etc...	3
Motor sports.....	1
Netball.....	2
Rambling.....	1
Roller skating.....	2
Rounders.....	1
Rowing.....	2
Sailing.....	1
Shooting.....	1
Skiing.....	2
Skittles.....	1
Snooker.....	1
Table tennis.....	1
Ten pin bowling.....	1
Volleyball.....	2
Weight lifting.....	4
Yoga.....	1

1=light 2=moderate 3=Heavy 4=at least twice (recent count)

9. Ask for each activity done in the past 4 weeks.

- (a) Can you tell me on how many separate occasions did you (ACTIVITY) during the past 4 weeks?
- (b) How much time did you usually spend (ACTIVITY) on each occasion?
- (c) During the past 4 weeks was the effort of (ACTIVITY) usually enough to make you out of breath or sweaty?

Each line as 1st line.

44 45
↑ 46 67

	Col 1	(a)	(b)		(c)	
	Act. done	No. of occas.	Time spent per occ.		Effort	
			hrs	min	Yes	No
Cycling/exercise bike	CYCLE Blank OR 01 40-41	NA 01-99 42-43	00-15 44	59 45	1 48	2 49
Exercises (press ups, sit ups etc)	EXACT 02 50-51	EX OCC 52-53	54-55	56-57	58	59
Aerobics/keep fit/ gymnastics/dance for fitness	AERO 03 60-61	AERO OCC 62-63	64-65	66-67	68	69
Other types of dancing	DANCE 04 14-15	DANCE OCC 16-17	18-19	20-21	22	23
Weight training	WTRAIN 05 24-25	WEIGH OCC 26-27	28-29	30-31	32	33
Swimming	SWIM 06 34-35	SWIM OCC 36-37	38-39	40-41	42	43
Running/jogging	RUN 07 44-45	RUN OCC 46-47	48-49	50-51	52	53
Football/rugby	FOOTBALL 08 54-55	FTBL OCC 56-57	58-59	60-61	62	63
Badminton/tennis	TENNIS 09 64-65	TENN OCC 66-67	68-69	70-71	72	73
Squash	SQUASH 10 14-15	SQUAS OCC 16-17	18-19	20-21	22	23
Other sports or exercise (specify)	OFF USE 24-25	ACTA OCC 26-27	28-29	30-31	32	33
	ACTA 24-25 1-3	NA 01-99	NA	NA 00-59	1	2
	ACTB 34-35	ACTB OCC 36-37	38-39	40-41	42	43
	ACTC 44-45	ACTC OCC 46-47	48-49	50-51	52	53
	ACTD 54-55	ACTD OCC 56-57	58-59	60-61	62	63
	ACTE 64-65	ACTE OCC 66-67	68-69	70-71	72	73

GO TO SMOKING PAGE 26

END SEQUENCE 3 118

SMOKING START SEQUENCE 4

For informants aged 16 and 17 use self-completion Smoking and Drinking schedule, then go to Q9 of the drinking section page 33

<p>1. To those aged 18 and over</p> <p>May I just check, have you ever smoked a cigarette, a cigar or a pipe?</p> <p style="text-align: right;"><i>SMOKEVER</i></p> <p>Yes</p> <p>No</p>	<p>1</p> <p>2 NA</p>	<p>14-15</p> <p>Q2</p> <p>GO TO DRINKING PAGE 29</p>
<p>2. Do you smoke cigarettes at all nowadays?</p> <p style="text-align: right;"><i>SMOKENOW</i></p> <p>Yes</p> <p>No</p>	<p>1 NA</p> <p>2</p>	<p>16-17</p> <p>Current cig Smoker go to Q7</p> <p>Q3</p>
<p>3. Have you ever smoked cigarettes ?</p> <p style="text-align: right;"><i>SMOKECIG</i></p> <p>Yes</p> <p>No</p> <p>(a) Did you smoke cigarettes ...</p> <p>Running prompt regularly, that is at least one cigarette a day</p> <p>or did you smoke them only occasionally?</p> <p>Spontaneous: Never really smoked cigarettes, just tried them once or twice</p> <p style="text-align: right;"><i>SMOKEREG</i></p>	<p>1</p> <p>2 NA</p> <p>1</p> <p>2</p> <p>3 NA</p>	<p>18-19</p> <p>(a)</p> <p>Q11</p> <p>20-21</p> <p>Ex-smoker ask Q4</p> <p>Ex-occ Smoker Q6</p> <p>Q11</p>
<p>EX-SMOKERS</p> <p>4. About how many cigarettes did you usually smoke in a day ?</p> <p style="text-align: right;"><i>EXSMOKE</i></p> <p>No. smoked a day →</p>	<p>NA</p> <p>01-98</p>	<p>22-23</p>
<p>5. And for approximately how many years did you smoke regularly?</p> <p style="text-align: right;"><i>SMOKEYRS</i></p> <p>No. of years →</p>	<p>NA</p> <p>01-98</p>	<p>24-25</p>
<p>6. How long ago did you stop smoking cigarettes?</p> <p style="text-align: right;"><i>ENDSMOKE</i></p> <p>No. of years →</p> <p>Less than 1 yr →</p>	<p>NA</p> <p>01-99</p> <p>00</p>	<p>26-27</p> <p>Q9</p>

CURRENT SMOKERS

7. About how many cigarettes a day do you usually smoke on weekdays?

DLYSMOKE

No. smoked a day →
Less than 1

NA
01-98
.....1.....
00

28-29

8. And about how many cigarettes a day do you usually smoke at weekends?

WKNDSMOK

No. smoked a day →
Less than 1

NA
01-98
.....1.....
00

30-31

CURRENT SMOKERS / EX - SMOKERS

9. Have you ever tried / Did you ever try to give up smoking because of a particular health condition you had at the time?

SMOKETRY

Yes
No

1
2 NA

32-33

(a)

Q10

(a) Here is a list of health conditions that may lead people to try to give up smoking. Can you tell me which condition you had?

SMOKEM1-6

Show Card E

Code all that apply

- Heart trouble/problem
- High blood pressure
- Cancer
- Bronchitis
- Cough
- Shortness of breath
- Other respiratory problem
- Cold / flu / virus
- Pregnancy
- Other (specify)

MC

01
02
NA
03
04
05
06
07
08
09
10 -
20

34-45

Max MC = 6

- General health

10. Has anyone ever advised you/Did anyone ever advise you to stop smoking altogether because of your health?

ADSMOKE

Yes

No

1
2 NA

46-47

(a)

Q11

(a) Who advised you to stop? Was it...

ADSTOP

Running prompt

a medical person, such as a doctor or nurse

Code first that applies

or someone else, such as your family, relatives or friends?

1
NA
2

48-49

11. To all who have ever smoked

(That is the end of the questions about cigarettes. Now just a few questions about cigar and pipe smoking.)
Have you ever smoked cigars?

CIGAR

Yes

No

1
2 NA

50-51

(a)

Q12

(a) Do you smoke cigars at all nowadays?

CIGARNOW

Yes

No

1
2 NA

52-53

(b)

Q12

(b) About how many cigars do you usually smoke in a week?

CIGARWK

No. smoked a week →

Less than 1

NA
01-99
00

54-55

Q12

12. Have you ever smoked a pipe?

PIPE

Yes

No

1
2 NA

56-57

(a)

GO TO DRINKING PAGE 29

(a) Do you smoke a pipe at all these days?

PIPENOW

Yes

No

1
NA
2

58-59

GO TO DRINKING PAGE 29

ENI SEQUENCE 4

RECOL 8

DRINKING

START SEQUENCE 5
RECORD 8

1. I'm now going to ask you a few questions about what you drink - that is if you drink.

Do you ever drink alcohol nowadays, including drinks you brew or make at home?

DRINK

Yes

No ...

1 NA
2

Q3

Q2

14-15

2. Could I just check, does that mean you never have an alcoholic drink nowadays, or do you have an alcoholic drink very occasionally, perhaps for medicinal purposes or on special occasions like Christmas and New Year?

DRINKANY

Very occasionally

Never

1
2 NA

Q3

Q9 PAGE 33

16 17

3. I'd like to ask you whether you have drunk different types of alcoholic drink in the last 12 months.
I do not need to know about non-alcoholic or low alcohol drinks.

Show Card F and ask for each group of alcoholic drinks listed below:

How often have you had a drink of during the last 12 months?
Ring the appropriate number

EXCLUDE: Any non-alcoholic drinks.
Any low-alcohol drinks (other than shandy)

Shandy SHANDY
(exclude bottles/cans) →

Beer, lager, stout, cider → BEER

Spirits or liqueurs (e.g. gin, whisky, rum brandy, vodka, advocaat) → SPIRITS

Sherry or martini SHERRY
(including port, vermouth, cinzano, dubonnet) →

Wine (inc. babycham, champagne) → WINE

Any other alcoholic drinks?

Not keyed Yes..... 1
No..... 2

If yes, Specify name of drink

..... →

Almost every day	5 or 6 days a week	3 or 4 days a week	Once or twice a week	Once or twice a month	Once every couple of months	Once or twice a year	Not at all in last 12 months
18-19							
1	2	3	4	5	6 NA	7	8
20-21							
1	2	3	4	5	6 NA	7	8
22-23							
1	2	3	4	5	6 NA	7	8
24-25							
1	2	3	4	5	6 NA	7	8
26-27							
1	2	3	4	5	6 NA	7	8
Not keyed							
1	2	3	4	5	6	7	8

Amount drunk on any one day during the last 12 months

4. Ask for each group of alcoholic drinks coded 1-7 (drunk in the last 12 months)

How much have you usually drunk on any one day?

Enter the amount

Leave blank for the groups of drink that the informant has not drunk at all in the last 12 months.
EXCLUDE: Any non-alcoholic drinks
 Any low-alcohol drinks (other than shandy)

Shandy (exclude bottles/cans)

SHANDY Q

28-29

01-99

half pints

Beer, lager, stout, cider

BEER Q1
 BEER Q2

30-31

01-99

half pints OR

Spirits or liqueurs (e.g. gin, whisky, rum, brandy, vodka, advocaat)

BEER Q3
 NA = 99

32-33

01-99

large cans, OR
 small cans

Sherry or martini (including port, vermouth, cinzano, dubonnet)

SHERRY Q

34-35

01-99

singles
 (Count doubles as 2 singles)

Wine (inc babycham, champagne)

WINE Q

36-37

01-99

glasses

38-39

01-99

40-41

01-99

glasses

Any other alcoholic drinks?

If the informant had any other type of alcoholic drink at Q3, record the name of the drink again and enter the amount usually drunk on any one day

Specify name of drink

.....

5. (Thinking now about all kinds of drinks) how often have you had an alcoholic drink of any kind during the last 12 months?

DRINKOFT

Show Card F

- Almost every day
- Five or six days a week
- Three or four days a week
- Once or twice a week
- Once or twice a month
- Once every couple of months
- Once or twice in the year
- Not at all in the last 12 months

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

42-43

6. Compared to 5 years ago, would you say that on the whole you drink more, less or about the same nowadays?

DRAMOUNT

*

- More nowadays
- About the same
- Less nowadays

- 1
- 2
- 3

44-45

Q8

Q7

7. Did you cut down your drinking because of a particular health condition you had at the time?

DRINKCUT

- Yes
- No

- 1
- 2

46-47

(a)

Q8

(a) Here is a list of health conditions that may lead people to cut down on drinking. Can you tell me which condition you had?

DRICUTMI-6

Show Card G

Code
all
that
apply

- Heart disease
- Hardening of the arteries
- High blood pressure
- Liver disease
- Ulcers or other gastro-intestinal problems
- Cancer
- Diabetes
- Excess weight
- Pregnancy
- Other (specify)

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 20

MC

Max MC = 6

48-59

END SEQUENCE 5

REQD 8

START SEQUENCE 6

8. Did anyone advise you to cut down your drinking because of your health?

RECORD 8

DRINKAD

Yes 1 (a)

No 2 NA Q9 14 15

(a) Who advised you to cut down? Was it ...

Running prompt

DRINKADA

Code first that applies

a medical person, such as a doctor or nurse .

or someone else, such as your family, relatives or friends?

1
NA
2

16 17

9. Interviewer code

INTDRINK No NA

Informant is aged 16 or 17

1

GO TO EATING HABITS PAGE 36

Informant never drinks (Q2 page 29 coded 2) or ... NA

2

Q10 GO TO EATING HABITS PAGE 36

Informant drinks once or twice a year or less often (Q5 page 32 coded 7 or 8)

3

Others X

(a)

18-19

(a) Hand informant self completion booklet page 3 and read the following:

Please read each statement. Thinking about the last three months only, if you have had this experience just put a tick in the box next to the word 'yes'. If you have not had this experience in the last three months, just put a tick in the box next to the word 'no'.

Interviewer code

Self completion form accepted

4

GO TO EATING HABITS PAGE 36

Self completion form refused

5

10 To non drinkers

Have you always been a non-drinker or did you stop drinking for some reason?

ALWAYSTT

- Always a non-drinker
- Used to drink, but stopped

1 NA
2

20-21
GO TO
EATING
HABITS
PAGE 36
Q11

11. How long is it since you stopped drinking?

SINCE TT

- Less than a year
- At least a year but less than 5 years
- At least 5 years but less than 10 years
- 10 years or more

1
NA
2
3
4

22-23

12. Before you stopped drinking, how often did you usually have a drink?

BEFORE TT

Show Card H

- Almost every day
- On 5 - 6 days a week
- On 3 - 4 days a week
- Once or twice a week
- Once or twice a month
- Once every couple of months
- Once or twice a year

1
2
NA
3
4
5
6
7

24-25

13. Did you stop drinking because of a particular health condition you had at the time?

WHY TT

- Yes
- No

1
2 NA

26-27
(a)
Q14

(a) Here is a list of health conditions that may lead people to stop drinking alcohol. Can you tell me which condition you had?

WHYTT 11-6

Show Card G

Code
all
that
apply

- Heart disease
- Hardening of the arteries
- High blood pressure
- Liver disease
- Ulcers or other gastro-intestinal problems
- Cancer
- Diabetes
- Excess weight
- Pregnancy
- Other (specify)

MC
01
02
03
NA
04
05
06
07
08
09
10

28-39
Max MC
= 6

Spontaneous: Alcoholism

11-20

14. Did anyone advise you to stop drinking alcohol because of your health?

ADTT
Yes
No

1
2 *MA*

40-41
(a)
GO TO
EATING
HABITS
PAGE 36

(a) Who advised you to stop drinking? Was it . . .

WHO ADTT

Running
prompt

a medical person, such as a doctor or nurse

1
MA
2

42-43

Code first
that applies

or someone else, such as family, relatives or friends?

EATING HABITS

1. What kind of bread do you usually eat? Is it

BREAD

Running prompt

white

1

44-45

Code one only

brown, granary, wheatmeal

2

If brown check if wholemeal or some other sort of brown bread

wholemeal

3

Q2

or some other kind of bread? (specify type and whether white or brown)

NA

4

Spontaneous: Does not eat bread

5

Q3

2. What do you usually spread on your bread? Is it

SPREAD

Running prompt

butter

1

46-47

Code one only

hard margarine, block margarine

2

soft margarine, low fat spread, reduced fat spread (specify full name of brand)

NA

3

or some other kind of fat? (specify full name of brand)

X

Spontaneous: Does not use fat spread on bread

5-15

3. When you have fried foods, what kind of fat or oil are the foods usually cooked in?

FRIED

Butter

1

Lard

2

48-49

Code one only

Dripping

3

Margarine (specify full name of brand)

4

NA

Oil (specify full name of brand & type of oil)

5

Other (specify full name of brand)

X

Don't know

7

Does not eat fried food

8-20

4. What kind of milk do you usually use for drinks, in tea or coffee and on cereals etc? Is it

MILK

Running prompt

whole

1
NA

semi-skimmed

2

Code one only

skimmed

3

50-51

some other kind of milk? (specify)

4

.

Spontaneous: Does not drink milk

5-9

5. Do you usually have sugar in your tea?

TEA

Yes, have sugar in tea

1
NA

52-53

No

2

Does not drink tea

3

6. Do you usually have sugar in your coffee?

COFFEE

Yes, have sugar in coffee

1
NA

54-55

No

2

Does not drink coffee

3

7. I would like to ask you about some foods which you may eat. Can you tell me about how often on average you eat each of these foods by choosing your answer from this card.

Show Card I	More than once every day	Once every day	3 - 6 days a week	1-2 days a week	At least once a month	Less often than once a month	Rarely or never	
Bread or rolls <i>ROLLS</i>	1	2	3	4	5 NA	6	7	56 57
Chips <i>CHIPS</i>	1	2	3	4	5 NA	6	7	58 59
<i>OTHER FRIED</i> Other fried foods	1	2	3	4	5 NA	6	7	60 61
<i>PASTIES</i> Meat pies or pasties	1	2	3	4	5 NA	6	7	62 63
Fresh fruit <i>FRUIT</i>	1	2	3	4	5 NA	6	7	64 65

GO TO PSYCHOSOCIAL FACTORS PAGE 38

PSYCHOSOCIAL FACTORS

1. Ask informant to go to page 4 of the self completion booklet and read the following:

We should like to know how your health has been in general, over the last few weeks. Please answer all the questions from page 4 to page 8 by putting a tick in the box containing the answer which you think most applies to you.

2. Interviewer code

PSYCINT

Psychosocial factors self completion accepted

Psychosocial factors self completion refused

NA = 9

ENI SEQUENCE 6

ENI RECORD 8

66-67

1
2-9

GO TO CLASSIFICATION PAGE 39

START REC 9

CLASSIFICATION

START SEQUENCE 1

Employment Status

1. May I just check, were you in paid employment or self-employed in the week ending last Sunday?

WORKLAST

Include for any number of hours

Yes
No

N = NA5

1
2

Q2 14-15
Q3

2. Were you working full time or part time?

THIRTYHR

Full time = more than 30 hrs
Part time = 30 hrs or less

Full time
Part time

1
NA
2

16 17
Q4

3. Last week were you

IF NO JOB

- waiting to take up a job that you had already obtained?
- looking for work?
- intending to look for work but prevented by temporary sickness or injury?
(Check 28 days or less)
- going to school or college full time? (use only for persons aged 16 - 49)
- permanently unable to work because of long term sickness or disability? (use only for men aged 16-64 + women 16 - 59)
- retired? (for women check age stopped work and use this code only if stopped when 50 or over)
- looking after the home or family?
- or were you doing something else? (specify)

Code first that applies

N = NA5

1
2
3
4
5
6
7
8

Q4
18-19
Q7
Q8(iv)
Q7

4. To those aged under 50.

DNA 50

DNA, Others aged 50 or over

Are you at present attending a school or college full time?

SCHOOL
Yes
No

9

20-21
Q5

1
NA
2

Q5 22-23

5. Interviewer code

INTEMP

No NAs 24-25

Person in employment last week (Q1 page 39 = 1)

1

Q8(i)

Person not in employment last week (Q1 page 39 = 2)
but waiting to take up job (Q3 page 39 = 1)

2

Q6

Others (Q3 page 39 = 2-8)

3

Q7

6. Apart from the job you are waiting to take-up have you ever been in paid employment?

OTHPAID

No NAs 26-27

Yes

1

Q8(ii)

No

2

Q8(iii)

7. Have you ever been in paid employment?

EVERPAID

28-29

Yes

1

Q8(ii)

No

2 NA

See Q9

8. **If employed**
 (i) What was your job last week?

If not employed
 (ii) What was your most recent job?

(iii) What is the job you are waiting to take-up?

If retired
 (iv) What was your main job?

Job Title:

Describe job fully:

Industry:

NA = OCC
 NA = 000

NA = IND
 NA = 999

000,
 100-999

500
 811,
 1999

30-32
 DEC SOC
 IND 33-35

EMPLOYEE
 Employee /NA
 Self-employed

1
 2

(a) 36-37
 (b)

(a) Ask or record

EMPSTAT
 Manager
 Foreman/supervisor
 Other employee. /NA.....

1
 2
 3

(i) 38-39

(i) How many employees work(ed) in the establishment?

NEMPLEE
 1-24 /NA
 25 - 499
 500 or more

1
 2
 3

40-41
 See Q9

(b) If self-employed:

Do (did) you employ other people?

SNEMPLEE
 Yes, Probe: 1-24
 25 or more..
 No employees /NA.....

1
 2
 3

42-43
 See Q9

9 To all unemployed last week (coded 1, 2, or 3 at Q3 page 39)
DNAEMP
 DNA, others

44-45
 9 Q10

How long altogether have you been out of employment but wanting work in this current period of unemployment?

Use calendar
 Less than 6 months
 6 months but less than 12 months
 Prompt as necessary
 12 months but less than 2 years
 2 years or more

CURUNEEMP

1
 MA
 2
 3
 4
 46-47
 Q10

Education

10. At what age did you finish your continuous full-time education at school or college?

EDUCEND
 Not yet finished
 Never went to school
 14 or under
 15
 16
 17
 18
 19 or over

1
 2
 MA
 3
 4
 5
 6
 7
 8
 48-49

11. Please look at this card and tell me whether you have passed any of the qualifications listed. Look down the list and tell me the first one you come to that you have passed.

Show card
J

TOPQUAL

Code
first
that
applies

Degree (or degree level qualification)

Teaching qualification
HNC/HND, BEC/TEC Higher, BTEC Higher
City and Guilds Full Technological Certificate
Nursing qualifications (SRN, SCM, RGN, RM,
RHV, Midwife).....

'A' levels/SCE higher
ONC/OND/BEC/TEC not higher
City and Guilds Advanced/Final level

'O' level passes (Grade A-C if after 1975)
GCSE (grades A - C)
CSE Grade 1
SCE Ordinary (Bands A-C) ..
Standard Grade (Level 1-3) ..
SLC Lower
SUPE Lower or Ordinary
School Certificate or Matric
City and Guilds Craft/Ordinary level

CSE Grades 2-5
GCE 'O' level (Grades D&E if after 1975)
GCSE (Grades D,E,F,G)
SCE Ordinary (Bands D&E)
Standard Grade (Level 4,5)
Clerical or commercial qualifications
Apprenticeship

CSE ungraded
Other qualifications (specify)

No qualifications

1

2

3

NA

4

5

6

7

8

50-51

7

Place of birth

POB

12. In which country were you born?

- England
- Scotland
- Wales
- N. Ireland
- Outside UK

1
MA
2
3
4
5

52-53

13. To which of the groups listed on this card do you consider you belong?

ETHNIC

*

Show Card K

- White
- Black - Caribbean
- Black - African
- Black - Other
- Indian
- Pakistani
- Bangladeshi
- Chinese
- None of these

1
MA
2
3
4
5
6
7
8
9-
12

54-55

GO TO PARENTAL HISTORY PAGE 45

SPECIFY AT (a)

GO TO PARENTAL HISTORY PAGE 45

SPECIFY AT (a)

*

If 'Black- Other' or 'None of these'

(a) How would you describe the racial or ethnic group to which you belong?

.....
.....

GO TO PARENTAL HISTORY PAGE 45

PARENTAL HISTORY

Preamble:

Now I would like to ask you some questions about the health of your parents. Over time there has been a lot of discussion about whether an individual's health is related to the health of their natural parents.

	MOTHER	FATHER	
1. Interviewer code:	<i>INTMA</i> <i>Ne NAs</i>	<i>INTPA</i> <i>No NAs</i>	
Informant's (mother/father) in household	1	1	Q2
Informant's (mother/father) <u>not</u> in household ...	2 <i>56-57</i>	2	Q3 <i>58-59</i>
2. May I just check, is your natural (mother/father)?	<i>NATMA</i>	<i>NATPA</i>	
Yes	1	1	Q6
No	2	2	Q3
DK / <i>NA</i>	3 <i>60-61</i>	3	Q6 <i>62-63</i>
3. Is your natural (mother/father) still alive?	<i>LIVEMA</i>	<i>LIVIPA</i>	
Yes	1	1	Q6
No.	2	2	Q4
DK / <i>NA</i>	3 <i>64-65</i>	3	Q6 <i>66-67</i>
Show Card L	<i>CONSMA</i>	<i>CONSPA</i>	
4. Did your (mother/father) die from any of the conditions on the card?			
High blood pressure (sometimes called hypertension)	1	1	Q5
Angina	2	2	
Heart attack (including myocardial infarction and coronary thrombosis)	3	3	
Stroke	4	4	
Other heart trouble (including heart murmur, damaged heart valves, tachycardia or rapid heart)	5	5	
Diabetes	6	6	Q6
NONE OF THE ABOVE CONDITIONS..	7	7	
DK / <i>NA</i>	8 <i>68-69</i>	8	

	MOTHER	FATHER
5. How old was your (mother/father) when she/he died? Enter age _____ (Accept approximate age) Spontaneous: Don't Know	AGE MA NA 16-98 ----- 99 72-73	AGE PA NA 16-98 ----- 99 74-75
	Q6	
6. ENTER FINISH TIME FOR QUESTIONNAIRE FINISH TIME (24hr clock)	FIN HR B HRS NA 00-24 	FIN MIN B MINS NA 00-59
	76 77 78 79	

NOW GO TO MEASUREMENTS PAGE 47

END) SEQUENCE 1
REC 9

MEASUREMENTS

START SEQUENCE 2
REC 9

1. May I just check, do you have any illness or injury at the moment?

ILL MEAS

Yes ..
No ..

1 (a)
2 NA Q2

14-15

(a) What is the matter with you?

Probe and record

MATTER M1-6
NA = 99

MC
01-20
99

Max MC = 6
16-27

2. Personal height (cms)

HEIGHT

120-220

0-9 (c)

28 Blank

29-32

(a) If height refused, ring code and explain reasons

HIREF

9 Q3

33-34

(b) Ring code if height not attempted because

- Informant is unsteady on feet.....
- Informant cannot stand upright.....
- Informant is chairbound
- Other (Specify below)

or

MC
1
2 NA
3
4-9

Max MC = 6
35-46

(c) Ring code if height affected by

TURBAN M1-6

- Height not affected.. ..
- Hairstyle
- Turban
- Problems standing against back of stadiometer
- Informant unsteady on feet
- Informant cannot stand upright
- Other (Specify below)

MC
9 SC
1
2
3 NA
4
5
6-8

Max MC = 6
47-58

Code all that apply

47 END SEQUENCE 2

140

3. To women aged 16 - 49

DNA, others
 (May I check) Are you pregnant now?

DNAWEIGH

PREGNOW

Yes
 No
 Not sure

9	Q4	14-15
1	Q5	
2	Q4	16-17
NA		
3		

4. To all except pregnant women

Personal weight (kilograms)

WEIGHT

025 - 180	0.9	(c) 19-22
-----------	-----	-----------

(a) If weight refused, ring code and explain reasons

WEIGHREF

OR

(b) Ring code if weight not attempted because

NOWAITM1-6

Code all that apply

Informant is unsteady on feet
 Informant cannot stand upright
 Informant is chairbound
 Other (Specify below)

Blank		18
9	Q5	23-24
MC	Q5	Max MC = 6
1		
NA		
2		
3		
4	25-36	
9		

(c) Ring code if scales placed on:

CARPETH1-2

Code all that apply

Uneven floor
 Carpet

Blank or MC		37-40
1	Q5	Max MC = 2
NA		
2		

(d) Record any special circumstances that might have affected weight

CIRCM1-6

Code all that apply

No special circumstances
 Informant is unsteady on feet
 Informant cannot stand upright
 Informant needed support on/off scales
 Other (Specify below)

Blank or MC		41-52
9	Q5	Max MC = 6
1		
2		
3		
4		
9		

5. **ENTER FINISH TIME FOR MEASUREMENTS**

FINISH TIME
(24 hr clock)

FINMEASH FINMEASM

HRS	MINS
NA 00-24	NA 00-59

53 56

6. Introduce Nurse Visit.
Complete nurse appointment form.
Leave appointment card for informant.

7. **THANK INFORMANT FOR CO-OPERATION.**

END) RECOR.) 9

END) SEQUENCE 3

143.

IN CONFIDENCE

CODING MASTER

HEALTH SURVEY S1200

START REC 11

rectype 1, 2
Seq no 34

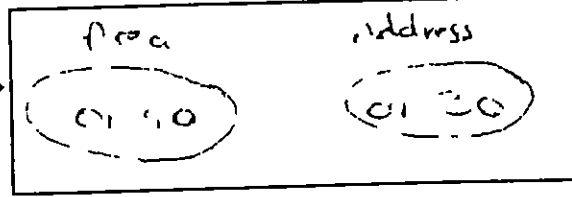
1991
C

SELF COMPLETION BOOKLET

START SEQUENCE 1

AREA	ADD
-	-

Stick label →



No NAs

Write in →

PERS	NO
01 14	
-	-

11-12
No NAs

Single Correl Throughout

SCOMP1

14 15
OR
SC
(1-9)

DRINKING EXPERIENCES

Please read each statement. Thinking about the last three months only, if you have had the experience tick (✓) the box next to the word 'yes'. If you have not had the experience in the last three months, tick (✓) the box next to the word 'no'.

1 I have felt that I ought to cut down on my drinking

DCUT

Yes

No

16-17

1	
2	✓

GO TO Q2

2 I have felt ashamed or guilty about my drinking.

DGUILT

Yes

No

18-19

1	
2	✓

GO TO Q3

3 People have annoyed me by criticising my drinking

DCRITIC

Yes

No

20-21

1	
2	NA
3	✓

GO TO Q4

4 I have found that my hands were shaking in the morning after drinking the previous night

DSHAKES

Yes

No

22-23

1	
2	✓

GO TO Q5

5 I have had a drink first thing in the morning to steady my nerves or get rid of a hangover

DNERVES

Yes

No

24-25

1	
2	✓

GO TO Q6

6 There have been occasions when I felt that I was unable to stop drinking

DUNABLE

Yes

No

26-27

1	
2	✓

GO TO Q7

7 I have been very drunk

DRUNK

Yes

No

28-29

1	
2	✓

GO TO (a)

TELL THE INTERVIEWER THAT YOU HAVE FINISHED.

(a) If yes, please write in how many times in the last 3 months

DTIMES

30-31

NA	01-99
----	-------

TELL THE INTERVIEWER THAT YOU HAVE FINISHED.

KNID DSCORD 11 3 ENI) SEQUENCE 1

NB COL 32-33 BLANK ON THU

GENERAL HEALTH OVER THE LAST FEW WEEKS

Please read this carefully:

We should like to know how your health has been in general, over the past few weeks. Please answer ALL the questions by putting a tick (✓) in the box containing the answer which you think most applies to you.

HAVE YOU RECENTLY:

A been able to concentrate on whatever you're doing? ¹⁴⁻¹⁵

CONCENT

Better than usual	Same as usual	Less than usual	Much less than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

B lost much sleep over worry? ¹⁶⁻¹⁷

SLEEP

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

C felt you were playing a useful part in things? ¹⁸⁻¹⁹

USEFUL

More so than usual	Same as usual	Less useful than usual	Much less useful
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

D felt capable of making decisions about things? ²⁰⁻²¹

DECISION

More so than usual	Same as usual	Less so than usual	Much less capable
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

E felt constantly under strain? ²²⁻²³

STRAIN

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

F felt you couldn't overcome your difficulties? ²⁴⁻²⁵

OVERCOME

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

NOW PLEASE GO TO "G" ON THE NEXT PAGE.

HAVE YOU RECENTLY:

G been able to enjoy your normal day-to-day activities? 26-27

ENJOY

More so than usual	Same as usual	Less so than usual	Much less than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

H been able to face up to your problems? 28-29

FACE

More so than usual	Same as usual	Less able than usual	Much less able
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

I been feeling unhappy and depressed? 30-31

UNHAPPY

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

J been losing confidence in yourself? 32-33

CONFID

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

K been thinking of yourself as a worthless person? 34-35

WORTH

Not at all	No more than usual	Rather more than usual	Much more than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

L been feeling reasonably happy, all things considered? 36-37

HAPPY

More so than usual	About same as usual	Less so than usual	Much Less than usual
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

NOW PLEASE GO TO Q2 ON THE NEXT PAGE

2. In general how much stress or pressure have you experienced in your daily living in the last 4 weeks?

STRESS

- None
- Just a little
- A good bit
- Quite a lot
- A great deal

MA

38-39

1
2
3
4
5

GO TO Q3

3. To what extent do you feel that the stress or pressure you have experienced in your life has affected your health?

STRESS AF

- Not at all
- Slightly
- Moderately
- Quite a lot
- Extremely

MA

40-41

1
2
3
4
5

GO TO Q4
ON THE NEXT
PAGE

4. We would now like you to think about your family and friends. By family we mean those who live with you as well as those elsewhere

Here are some comments people have made about their family and friends. We would like you to say how far each statement is true for you.

Please answer ALL the questions putting a tick (✓) in the box next to the answer which you think most applies to you.

A. There are people I know - amongst my family or friends - who do things to make me happy

HAPPY

Not true

Partly true

Certainly true

42-43

NA

1	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>

GO TO B

B. There are people I know - amongst my family or friends - who make me feel loved

LOVED

Not true

Partly true

Certainly true

44-45

NA

1	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>

GO TO C

C. There are people I know - amongst my family or friends - who can be relied on no matter what happens

RELY

Not true

Partly true

Certainly true

46-47

NA

1	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>

GO TO D

D. There are people I know - amongst my family or friends - who would see that I am taken care of if I needed to be

CARE

Not true

Partly true

Certainly true

48-49

NA

1	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>

GO TO E ON THE NEXT PAGE

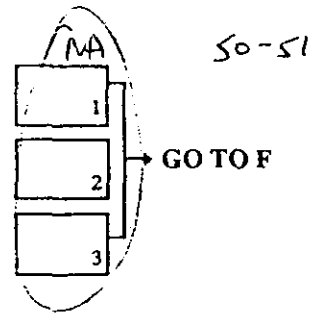
E. There are people I know - amongst my family or friends - who accept me just as I am.

ACCEPT

Not true

Partly true

Certainly true



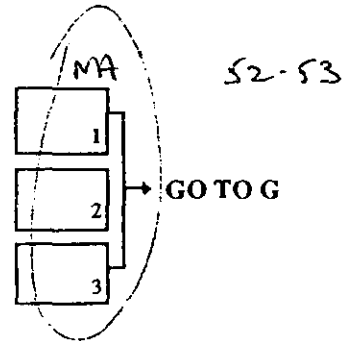
F. There are people I know - amongst my family or friends - who make me feel an important part of their lives.

IMPORT

Not true

Partly true

Certainly true



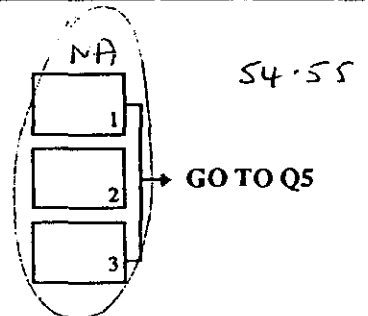
G. There are people I know - amongst my family or friends - who give me support and encouragement.

SUPPORT

Not true

Partly true

Certainly true

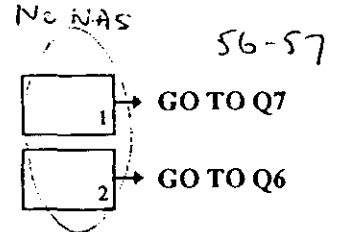


5. Are you male or female?

GENDER

Male

Female

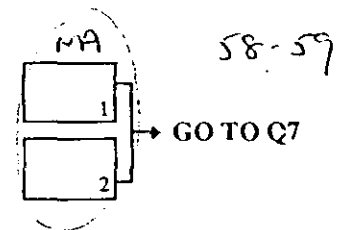


6. Are you still having periods (menstruating)?

PERIOD

Yes

No



7. THANK YOU FOR ANSWERING THESE QUESTIONS. NOW PLEASE RETURN THIS BOOKLET TO THE INTERVIEWER.

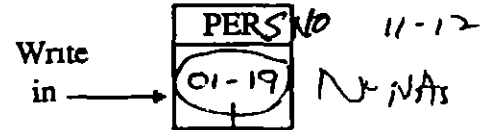
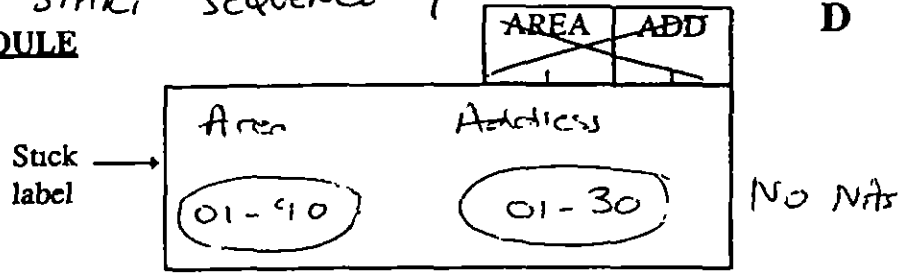
END) RECORD) 12

END) SEQUENCE 1

SMOKING AND DRINKING SCHEDULE FOR 16 AND 17 YEAR OLDS

START (FLORIDA) 8
START SEQUENCE 4

keytype = 1.2
seq no = 34 1991



Please read this carefully:

- Most questions on the following pages can be answered simply by putting a tick in the box next to the answer that applies to you.

Example:

Yes 1

No 2

Sometimes you are asked to write in a number or the answer in your own words. Please enter numbers as figures rather than words.

- After answering each question the box you have ticked has an arrow next to it with an instruction to go to another question.

Example:

Yes 1 → GO TO Q4

No 2 → GO TO Q3

By following the arrows carefully you will miss out some questions which do not apply to you.

IN CONFIDENCE

14-15

INDIC

SMOKING

1. Have you ever smoked a cigarette, a cigar or a pipe?

SMOKEEVER

Yes

1

16-17
GO TO Q2

No

NA
2

GO TO THE DRINKING QUESTIONS PAGE 3

2. Do you smoke cigarettes at all nowadays?

SMOKE NOW

Yes

NA
1

18-19
GO TO Q4

No

2

GO TO Q3

3. Have you ever smoked cigarettes ?

SMOKE CIG

Yes

1

20-21
GO TO (a)

No

NA
2

GO TO THE DRINKING QUESTIONS PAGE 3

(a) Did you smoke cigarettes regularly or occasionally?

SMOKE REG

Regularly, that is at least one cigarette a day

1

22-23

Occasionally

2

GO TO THE DRINKING QUESTIONS PAGE 3

I never really smoked cigarettes, just tried them once or twice

NA
3

NB COLUMNS 24-29 BLANK

CURRENT SMOKERS

4. About how many cigarettes a day do you usually smoke on weekdays?

DLY SMOKE

Write in no. smoked a day

NA
01-99

30-31

GO TO Q5

5. And about how many cigarettes a day do you usually smoke at weekends?

WKND SMOKE

Write in no. smoked a day

NA
01-99

32-33

GO TO DRINKING QUESTIONS PAGE 3

152

END SEQUENCE 4

RECORD 8

DRINKING

21111
RECOPI 8

1. Do you ever drink alcohol nowadays, including drinks you brew or make at home?

DRINK

Yes
No

14-15

NA 1	GO TO Q3 NEXT PAGE
2	GO TO Q2

2. Just to check, does that mean you never have an alcoholic drink nowadays, or do you have an alcoholic drink very occasionally, perhaps for medicinal purposes or on special occasions like Christmas and New Year?

DRINK ANY

Very occasionally

Never

16-17

NA 1	GO TO Q3 NEXT PAGE
2	GO TO Q7 PAGE 8

3. Thinking back to the last 12 months please tick (✓) the box that best describes how often you usually drank each of the alcoholic drinks listed below.

(PLEASE EXCLUDE ANY NON-ALCOHOLIC DRINKS OR LOW ALCOHOL DRINKS EXCEPT SHANDY).

	Almost every day	5 or 6 days a week	3 or 4 days a week	Once or twice a week	Once or twice a month	Once every couple of months	Once or twice a year	Not at all in last 12 months
Shandy <i>SHANDY</i> (exclude bottles/cans)	18-19							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Beer, lager, stout, cider <i>BEER</i>	20-21							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Spirits or liqueurs (e.g. gin, whisky, rum, brandy, vodka, advocaat)	22-23							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Sherry or martini (including port, vermouth, cinzano, dubonnet)	24-25							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Wine (inc. babycham, champagne)	26-27							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Any other alcoholic drinks	Enter name of drink on dotted line and Tick how often you drank the drink							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

154

NOW PLEASE GO TO QUESTION 4 ON THE NEXT PAGE

Amount drunk on any one day during the last 12 months

4. For each group of alcoholic drinks that you have drunk in the last 12 months.

How much have you usually drunk on any one day?

Please enter the amount drunk on any one day on the dotted line.

Exclude any non-alcoholic drinks or low alcohol drinks except shandy.

Leave blank for the groups of drink that you have not drunk at all in the last 12 months

Shandy (exclude bottles/cans)	SHANDY 0	01-99	half pints	28-29
Beer, lager, stout, cider	BEER 01	01-99	half pints OR	30-31
	BEER 02	01-99	large cans, OR	32-33
	BEER 03	01-99	small cans	34-35
Spirits or liqueurs (e.g. gin, whisky, rum, brandy, vodka, advocaat)	SPIRIT 0 NA = 99	01-99	singles (Count doubles as 2 singles)	36-37
Sherry or martini (including port, vermouth, cinzano, dubonnet)	SHERRY 0	01-99	glasses	38-39
Wine (inc babycham, champagne)	WINE 0	01-99	glasses	40-41

Any other alcoholic drinks

~~(Name of drink) (Amount)~~
~~(Name of drink) (Amount)~~
~~(Name of drink) (Amount)~~

NOW PLEASE GO TO QUESTION 5 ON THE NEXT PAGE

5. Thinking now about all kinds of drinks, how often have you had an alcoholic drink of any kind during the last 12 months?

DRINKOFT

- Almost every day
- Five or six days a week
- Three or four days a week
- Once or twice a week
- Once or twice a month
- Once every couple of months
- Once or twice a year
- Not at all in the last 12 months

NA
1
2
3
4
5
6
7
8

42-43

NOW PLEASE GO TO QUESTION 6 ON THE NEXT PAGE.

ENI REC 8

ENI SEQUENCE 5

156

START REC 11
START SEQUENCE 1

6. Please read each statement. Thinking about the last three months only, if you have had the experience tick (✓) the box next to the word 'yes'. If you have not had the experience in the last three months, tick (✓) the box next to the word 'no'.

NB Qs 14-15 BLANK

A I have felt that I ought to cut down on my drinking.

DCUT

Yes

No

16-17

<input checked="" type="checkbox"/>	1	GO TO B
<input checked="" type="checkbox"/>	2	

B I have felt ashamed or guilty about my drinking.

DGUILT

Yes

No

18-19

<input checked="" type="checkbox"/>	1	GO TO C
<input checked="" type="checkbox"/>	2	

C. People have annoyed me by criticising my drinking.

DCRITIC

Yes

No

20-21

<input checked="" type="checkbox"/>	1	GO TO D
<input checked="" type="checkbox"/>	2	

D. I have found that my hands were shaking in the morning after drinking the previous night.

DSHAKES

Yes

No

22-23

<input checked="" type="checkbox"/>	1	GO TO E
<input checked="" type="checkbox"/>	2	

E I have had a drink first thing in the morning to steady my nerves or get rid of a hangover

DNERVES

Yes

No

24-25

<input checked="" type="checkbox"/>	1	GO TO F
<input checked="" type="checkbox"/>	2	

F There have been occasions when I felt that I was unable to stop drinking

DUNABLE

Yes

No

26-27

<input checked="" type="checkbox"/>	1	GO TO G
<input checked="" type="checkbox"/>	2	

G I have been very drunk

DRUNK

Yes

No

28-29

<input checked="" type="checkbox"/>	1	GO TO (a)
<input checked="" type="checkbox"/>	2	

(a) If yes, please write in how many times in the last 3 months

DTIMES

NA	01-99	30-31
----	-------	-------

THANK YOU. NOW PLEASE RETURN THIS BOOKLET TO THE INTERVIEWER.

7. Have you always been a non-drinker or did you stop drinking for some reason?

ALWAYS TT

Always a non-drinker

Used to drink, but stopped

32-33

	1
NT	2

THANK YOU. NOW PLEASE RETURN THIS BOOKLET TO THE INTERVIEWER

END RECORD 11

END SEQUENCE 1

IN CONFIDENCE
HEALTH SURVEY S1200
PROXY SCHEDULE

MITTS I EK
 START RECORD 10 Actja = 12
 SEQUENCE 1 Seq no = 34

1991
 E

AREA		ADD
Area		Address
01-90		01-30

Stick label →

No NAs

Subject's name

Write in 16-17 →

PERS No 11-12
01-19

No NAs

14 15

Date of Interview

DINTE MINTE YINTE		
DAY	MONTH	YEAR
01-31 NA	01-12 NA	9 1

18-19

INTERVIEWER CODE

What is the relationship of the person who gave the proxy information to the subject?

PROXREL

Code	Husband/wife	1	
first	Other relative in household	2	
that	Other relative not in household	3	20-21
applies	Friend in household	4	
	Friend not in household	5	
	Other (specify)	6-9	

[BLANK PAGE]

160

GENERAL HEALTH

1. How is . 's health in general? Would you say it was
GENHELFE
 very good... ..
 good
 fair
 bad
 or very bad?
 DK

*
 Running
 prompt

1
 2
 NA
 3
 4
 5
 6

22-23

2. Does have any long-standing illness, disability or infirmity?
 By long-standing I mean anything that has troubled him/her over
 a period of time or that is likely to affect over a period of
 time?

LONGILLE
 Yes
 No
 DK

*

1
 2
 NA
 3

24-25
 Q3
 Q4

3. What is the matter with ?

*

ILLSEM 1-6
 NA = 99

MC
 01-40
 41-42
 99

26-37
 Max MC
 = 6
 SC

4. Now I'd like you to think about the 2 weeks ending yesterday
 During those 2 weeks did ... have to cut down on any of the
 things he/she usually does (about the house or at work or in his/her
 free time) because of (answer at Q3 or some other) illness or
 injury?

LSTFORTE
 Yes
 No.....
 DK.....

1
 2
 NA
 3

38-39
 GO TO
 CARDIO
 VASCULAR
 DISEASE
 PAGE 4.

CARDIOVASCULAR DISEASE

Preamble:

You have already talked to me about's health, and now I would like to go on and talk in more detail about some particular conditions. (They may include some of the things you have already mentioned.)

HIGH BLOOD PRESSURE
(sometimes called hypertension)

1 CVD CONDITIONS
Ask or record
Does now have or has ever had any of the following conditions?
Yes
No
DK

EVERBPE
40-41
1
9
NA
8

2. To all who have ever had angina, heart attack, other heart trouble or stroke (codes 2, 3, 4, or 5 ringed at Q1)
DNA, codes 2, 3, 4 or 5 not ringed at Q1.....
Is currently taking any medicines, tablets, or pills because of his/her (heart condition/stroke)?
Yes
No
DK

DNASTRØE
52-53
9

See Q4

MEDHARTE
54-55
1
2
NA
3

See Q3

3. To all who ever had angina, heart attack or other heart trouble (codes 2, 3, or 4 ringed at Q1)
DNA, codes 2, 3, or 4 not ringed at Q1.....
Has ever undergone any surgery or operation because of his/her heart condition?
Yes
No
DK

162

DNAEVERE
56-57
9

See Q4

SURGERY/E
58-59
1
2
NA
3

See Q4

CVD CONDITIONS

ANGINA	HEART ATTACK <small>(including myocardial infarction or coronary thrombosis)</small>	OTHER HEART TROUBLE <small>(including heart murmur, damaged heart valves or rapid heart) (specify at (a) below)</small>	STROKE	DIABETES
<p><i>EVERANGE</i> 42-43</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">2 9 NA 8</p> </div>	<p><i>EVERHRTE</i> 44-45</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">3 9 NA 8</p> </div>	<p><i>EVEROTHE</i> 46-47</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">4 9 NA 8</p> </div>	<p><i>EVERSTROE</i> 48-49</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">5 9 NA 8</p> </div>	<p><i>EVERDIE</i> 50-51</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">6 9 NA 8</p> </div>

(a) Other heart trouble:

.....

.....

.....

4. To all who have ever had high blood pressure (code 1 ringed at Q1 on page 4)

DNABPE

60-61

DNA, code 1 not ringed at Q1

9

See Q5

Is currently taking any medicines, tablets or pills for high blood pressure?

MDCINBPE

Yes

No

DK

1
NA
2
3

62-63

See Q5

5. To all who have ever had diabetes (code 6 ringed at Q1 on page 4)

DNA, code 6 not ringed at Q1

DNADIABE

64-65

9

GO TO USE OF SERVICES PAGE 7

Does currently inject insulin for diabetes?

Yes *INSULINE*

No

DK

1
NA
2
3

66-67

6. Is currently taking any medicines, tablets or pills (other than insulin injections) for diabetes?

MDCINDIE

Yes

No

DK

1
NA
2
3

68-69

END SEQUENCE 1

RECORD 10

164

START SEQUENCE 2
 RECORD ID

USE OF SERVICES

1. Interviewer code

INTSERVE

No NA

Subject has CVD condition
 (codes 1-6 at Q1 'CVD CONDITIONS', page 4)

1 - Q2 14-15

Subject has no CVD condition
 (codes 8 or 9 at Q1 'CVD CONDITIONS', page 4)

2 - Q6

2. To those with CVD condition

During the 2 weeks ending yesterday, apart from any
 visit to a hospital, did talk to a doctor, on his/her
 own behalf either in person or by telephone?

DOCTALKE

16-17

**Exclude consultations made
 on behalf of others**

Yes

1 - (a) + (b)

No

2 - Q3(a)+(b)

DK

3 NA

(a) How many times did talk to a doctor in these 2 weeks?

DOCTIMEE
 DK

01-98
 NA
 99 - (b) 18-19

(b) (Was this consultation/Were any of these consultations) about
 (CVD CONDITION/S AT Q1 page 4) you
 mentioned earlier?

CVCONEM 1-
 No

7 - Q3(a)+(b)

DK

9 NA - Q4 20-31

Yes, about .

- Code all that apply
- high blood pressure
- angina
- heart attack
- other heart trouble
- stroke
- diabetes

- mc
- 1
- 2
- 3
- 4
- 5
- 6
- NA

Max MC
 Q4 = 6

3. (a) Apart from any visit to a hospital, when was the last time
 talked to a doctor on his/her own behalf about
 (CVD CONDITION/S AT Q1 page4)?

Prompt
 as
 necessary

Less than 2 weeks ago *TALKLSTE* X
 2 weeks but less than a month ago
 1 month but less than 3 months ago
 3 months but less than 6 months ago
 6 months but less than a year ago
 A year or more ago
 DK

1
 2
 3
 4
 5
 9 NA

32-33
 Go back to Q2
 (b)
 Q4

Interviewer: Record answer if only one condition reported at Q1 'CVD CONDITIONS' page 4. Ask question if more than 1 condition coded at Q1 'CVD CONDITIONS', page 4.

(b) Which condition was this consultation about?

Code
 all
 that
 apply

high blood pressure *CONSEM 1-8*
 angina
 heart attack
 other heart trouble
 stroke
 diabetes

1
 2
 NA
 3
 4
 5
 6

34-45
 Max MC
 = 6
 Q4

4. During the last 12 months, that is since
 (DATE 1 YEAR AGO), did attend hospital as a
 casualty, out-patient or day-patient?

Yes *OUTPATE*
 No
 DK

1
 2
 NA
 3

(a) 46-47
 Q5

(a) Was this because of his/her
 (CVD CONDITION/S AT Q1 page 4)?

Yes *WHYOPATE*
 No
 DK

1
 NA
 2
 3

48-49
 Q5

5 During the last 12 months, has been in hospital
 as an in-patient, overnight or longer?

Yes *INPATE*
 No
 DK

1
 2
 NA
 3

(a) 50-51
 GO TO SMOKING
 PAGE 10

(a) Was this because of his/her
 (CVD CONDITION/S AT Q1 page 4)?

Yes *WHYINPATE*
 No
 DK

1
 NA
 2
 3

52-53
 GO TO SMOKI
 PAGE 10

166

5. To those with no CVD condition

During the 2 weeks ending yesterday, apart from any visit to a hospital, did . . . talk to a doctor, on his/her own behalf either in person or by telephone?

Exclude consultations made on behalf of others

Yes *NOCV7E*
 No..
 DK

1
2
3 *NA*

(a) *54-55*
 Q7
 GO TO SMOKING ON NEXT PAGE

(a) How many times did talk to a doctor in these 2 weeks?
 DK

NOCV2E
 01-98
 1
NA
 99

56-57
 GO TO SMOKING ON NEXT PAGE

7. Apart from any visit to a hospital when was the last time talked to a doctor on his/her own behalf?

Prompt as necessary

NOCV3E
 Less than 2 weeks ago *X*
 2 weeks but less than a month ago
 1 month but less than 3 months ago
 3 months but less than 6 months ago
 6 months but less than a year ago
 A year or more ago
 DK.....

1
2
3
4 *NA*
5
9

58-59
 Go back to Q6
 GO TO SMOKING ON NEXT PAGE

SMOKING

1. Does smoke cigarettes at all nowadays?

SMOKNOWE

Yes

1

No.....

2

DK.....

3 NA

60-61

Current cig
Smoker go
to Q3

Q2
GO TO
DRINKING
ON NEXT
PAGE

2. Has ever smoked cigarettes ?

SMOK.CIGE

Yes

1

NA

No.....

2

DK.....

3

62-63
GO TO
DRINKING
ON NEXT
PAGE

CURRENT SMOKERS

3. About how many cigarettes a day does usually
smoke on weekdays?

DYSMOKEE

No. smoked a day →

01-98

1

Less than 1

00

NA

DK.....

99

64-65

4. And about how many cigarettes a day does usually
smoke at weekends?

WKNDSMKE

No. smoked a day →

01-98

1

Less than 1

00

NA

DK.....

99

66-67

END SEQUENCE 2

RECORD 10.

DRINKING

START SEQUENCE 3
 RECORD 10

1. Does .. ever drink alcohol nowadays, including drinks he/she brews or makes at home?

DRINKE

Yes
 No.
 DK

1
 2
 3 NA

14-15

Q3
 Q2
 GO TO CLASSIFICATION PAGE 12

2. Could I just check, does that mean .. never has an alcoholic drink nowadays, or does he/she have an alcoholic drink very occasionally, perhaps for medicinal purposes or on special occasions like Christmas and New Year?

DRNKANYE

Very occasionally ..
 Never ..
 DK

1
 2
 3 NA

16-17

Q3
 GO TO CLASSIFICATION PAGE 12

3. How often has had an alcoholic drink of any kind during the last 12 months?

Show Card F

DRNKOFTE

Almost every day ..
 Five or six days a week ..
 Three or four days a week ..
 Once or twice a week.
 Once or twice a month.
 Once every couple of months ..
 Once or twice in the year ..
 Not at all in the last 12 months ..
 DK.

1
 2
 NA
 3
 4
 5
 6
 7
 8
 9

18-19

CLASSIFICATION

Employment Status

1. May I just check, was in paid employment or self-employed in the week ending last Sunday?

WRK LASTE

No NA

20-21

Include for any number of hours

Yes

1

Q2

No

2

Q3

2. Was working full time or part time?

THRTYHRE

**Full time = more than 30 hrs
Part time = 30 hrs or less**

Full time

1

22-23

Part time

2

Q4

DK

NA
3

3. Last week was

IFNOJOBE

No NA

waiting to take up a job that he/she had already obtained?

1

looking for work?

2

Q4

intending to look for work but prevented by temporary sickness or injury? (Check 28 days or less)

3

24-25

Code first that applies

going to school or college full time? (use only for persons aged 16 - 49)

4

permanently unable to work because of long term sickness or disability? (use only for men aged 16-64 + women 16 - 59)

5

Q7

retired? (for women check age stopped work and use this code only if stopped when 50 or over)

6

Q8(iv)

looking after the home or family?

7

Q7

or was doing something else? (specify)

8

4. To those aged under 50.

DNASOE

DNA, Others aged 50 or over

9

26-27

Q5

Is at present attending a school or college full time?

SCHOOLE

Yes

1

Q5

28-29

No

2

5. Interviewer-code

INTEMPE NONAS

Person in employment last week (Q1 page 12 = 1)

1

Q8(i)

Person not in employment last week (Q1 page 12 = 2)
but waiting to take up job (Q3 page 12 = 1).....

2

Q6

30-31

Others (Q3 page 12 = 2-8)

3

Q7

6. Apart from the job is waiting to take-up, has he/she ever been in paid employment?

OTHPAIDE

NONAS

32-33

Yes

1

Q8(ii)

No

2

Q8(iii)

DK

3

Q8(iii)

7. Has ever been in paid employment?

EURPAIDE

Yes

1

Q8(ii)

34-35

No

2

See Q9

DK

3 NA

8. **If employed**
(i) What was 's job last week?

If not employed
(ii) What was 's most recent job?

(iii) What is the job 's waiting to take-up?

If retired
(iv) What was 's main job?

Job Title:

Describe job fully:

Industry:

NA = 000 OCCE

NA = 999 INDE

000,
100-999

500-
811,
999

36-38

DEC SOC

IND 39-41

EMPLOYEE

Employee / NA

Self-employed

1

2

(a)

42-43

(b)

(a) Ask or record

EMPSTATE

Manager

Foreman/supervisor

Other employee / NA

1

2

3

(i)

44-45

(i) How many employees work(ed) in the establishment?

NEMPLLEE

1-24 / NA

25 - 499

500 or more

1

2

3

See Q9

46-47

(b) If self-employed:

Does (did) employ other people?

SNMPLLEE

Yes, Probe: 1-24

25 or more

No employees / NA

1

2

3

See Q9

48-49

172

9 To all unemployed last week (coded 1, 2, or 3 at Q3 page 12)

DNAEMPE
DNA, others

9

Q10

50-51

How long altogether has been out of employment but wanting work in this current period of unemployment?

Use calendar

Less than 6 months *CURNEMPE*

6 months but less than 12 months

Prompt as necessary

12 months but less than 2 years

2 years or more

DK

1
2
NA
3
4
9

Q10

52-53

Education

10. At what age did finish his/her continuous full-time education at school or college?

Not yet finished *EDUCENDE*

Never went to school

14 or under

15.....

16.....

17.....

18.....

19 or over

DK.....

1
2
3
4
NA
5
6
7
8
9

54-55

173

Place of birth

11. In which country was born?

- POBE*
- England
 - Scotland
 - Wales
 - N. Ireland
 - Outside UK
 - DK

- 1
- 2
- 3
- NA* 4
- 5
- 9

56-57

13. To which of the groups listed on this card do you consider belongs?

*

Show Card K

ETHNICE

- White.....
- Black - Caribbean
- Black - African
- Black - Other.....
- Indian
- Pakistani
- Bangladeshi.....
- Chinese
- None of these

- 1
- NA* 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 12*

58-59

Q14

SPECIFY AT (a)

Q14

SPECIFY AT (a)

*

If 'Black- Other' or 'None of these'

(a) How would you describe the racial or ethnic group to which belongs?

.....
.....

14. **THANK INFORMANT FOR CO-OPERATION.**

END SEQUENCE 3

RECORD 10

174

**HEALTH SURVEY
FOR
ENGLAND: 1991**

**Derived Variables created in SPSS database
(by researchers)**

DERIVED VARIABLES	BOX NUMBER
AC2	27
AGE1	9
AGE2	9
AGE3	9
AGE4	9
AGE5	9
BLDRESP2	44
BLUDRESP	58
BMI	21
BMIDIFF	24
BMIG1	21
BPLEVEL	66
BPM	51
BPMED	64
BPREAD	61
BPRESP	65
BRETHLES	13
CAGE1	81
CAGE2	81
CAGE3	81
CAGE4	81
CAGE5	81
CAGE6	81
CAGESCR	81
CAGETOT	81
CH	51
CHOLEST1	57
CHOLEXCL	48
CHOLGRP	45
CIGARSMK	37

CIGSMK1	35
CIGSMK2	35
CIGARST	37
COMPM1	71
COMPM2	71
COMPM3	71
COMPM4	71
COMPM5	71
COMPM6	71
CONSUMED	60
CONSUME1	60
CONSCVD	53
CONTACT	51
CONTACT1	51
CONTACT2	51
CONTCOMB	52
CONTNOCV	54
CURRCVD	55
CUTDOWN	82
CVD1	33
CVD2	33
CVD3	33
CVD4	29
CVD5	30
CVD6	31
CVD4PR	32
CVD5PR	32
CVD6PR	32
DEMIQUET	73
DIABP	67
DIABP1	68

DIASTOL	63
DOCTALK2	49
DRINKER	76
DRKOFT1	80
DRKPROX	28
DRUNK1	76
ECSTA	2
ECSTA1	2
ECSTA2	3
ECSTA3	3
ECSTA3A	3
ECSTA4	78
ECSTAT	78
EXSMOKE1	36
FERRIT1	57
FERRGRP	47
GHSRGN	10
GHQ1	41
GHQ2	41
GHQ3	41
GHQ4	41
GHQ5	41
GHQ6	41
GHQ7	41
GHQ8	41
GHQ9	41
GHQ10	41
GHQ11	41
GHQ12	41
GHQTOT	41
HAEMOEXC	48

HAEMOGRP	46
HIPAV	74
HTDIFF	22
IN	51
IPATIENT	51
MENAC1	40
MENACSUM	40
MINDEX	73
NUMCIGAR	38
NUM20	16
NUM20G1	17
NUM20G2	17
NUM20SP	15
NUMHOME	14
NUMWALK	14
NONDRK	56
OPAT	51
OUT	51
PIPESTAT	39
PHLEGM	12
POSSMI	43
PSSSCR1	42
PSSSCR2	42
PSSSCR3	42
PSSSCR4	42
PSSSCR5	42
PSSSCR6	42
PSSSCR7	42
PSSSCTOT	42
PSU	20
PSUREG	20

QUALACT1	19
RESPGRP	59
RHA2	34
RHAAREA	10
RHAAREA1	25
RTYP1	26
RTYP2	26
SCHDTYP1	79
SOCLASE1	5
SOCLPR1	6
SOCLHH1	7
SOCLNR	8
SOCLNR1	8
SOCPRHH1	8
SPAN	72
SPANRESP	1
STDRGN	10
STDRGN1	10
STOPPED	77
SYMPANG	11
SYSBP	69
SYSBP1	70
SYSTOLIC	62
TALKCOND	50
TOPQUAL2	4
TOPQUAL3	4
TOPQUAL4	75
VIG20G1	18
VIG20G2	18
WAISTAV	74
WHDIF3	74

WHRATF1	74
WHRATF2	74
WHRATM1	74
WHRATM2	74
WHIPRAT	74
WOMAC1	40
WOMACSUM	40
WTDIFF	23

1 SPANRESP

* Create summary response variable for demi-span

```
compute spanresp=0
if (span1=-6) spanresp=-6
if (span1=-7) spanresp=-7
if (span1=-10) spanresp=-10
if (span1=-8) spanresp=-8
if (span1=-9) spanresp=-9
if (spannat=9) spanresp=3
if (spanref=9) spanresp=4
if (span1 gt 0 and span2 gt 0) spanresp=1
if (span1 gt 0 and not(span2 gt 0)) spanresp=2
VARIABLE LABEL SPANRESP 'SUMMARY RESPONSE FOR DEMI-SPAN'
value labels spanresp 1 'fully co-operating'
                    2 'partially co-operating'
                    3 'demispan not attempted'
                    4 'demispan refused'
                    -6 'non- resp to interv'
                    -7 'non- resp to nurse'
                    -8 'NA'
                    -9 'DNA'
                    -10 'proxy' /
```

2 ECSTA; ECSTA1

*Comment Creation of economic status variables

```
DO IF VAL(WORKLAST) EQ -6
COMPUTE ECSTA = -6
ELSE IF VAL(WORKLAST) EQ 1
+ DO IF VAL(THIRTYHR) EQ 1
+ COMPUTE ECSTA = 1
+ ELSE IF VAL(THIRTYHR) EQ 2
+ COMPUTE ECSTA = 2
+ ELSE IF VAL(THIRTYHR) EQ -8
+ COMPUTE ECSTA = 3
+ END IF

ELSE IF RANGE(VAL(IFNOJOB),1,8)
RECODE IFNOJOB(1,2,3=4)(5=5)(6=6)(7=7)(4=8)(8=9) INTO ECSTA
ELSE IF VAL(WRKLASTE) EQ 1
+ DO IF VAL(THRTHRE) EQ 1
+ COMPUTE ECSTA = 1
```

```

+ ELSE IF VAL(THRTHYHRE) EQ 2
+ COMPUTE ECSTA = 2
+ ELSE IF VAL(THRTHYHRE) EQ -8
+ COMPUTE ECSTA = 3
END IF

```

```

ELSE IF RANGE(VAL(IFNOJOBE),1,8)
RECODE IFNOJOBE (1,2,3=4)(5=5)(6=6)(7=7)(4=8)(8=9) INTO ECSTA
END IF

```

```

RECODE ECSTA (1,2,3=1)(4=2)(6=3)(7=4)(5,8,9=9) INTO ECSTA1

```

```

VARIABLE LABELS ECSTA "Economic activity status"
ECSTA1 "Economic activity status - grouped"
VALUE LABELS ECSTA 1 "FT Work" 2 "PT Work" 3 "Work-na hrs"
4 "Unemployed" 5 "Perm Sick" 6 "Retired" 7 "Keeping House"
8 "FT Student" 9 "Other inactive"/
ECSTA1 1 "Working" 2 "Unemployed" 3 "Retired" 4 "Keeping House"
5 "Other inactive"/

```

```

3 ECSTA2; ECSTA3; ECSTA3A

```

*PROGRAM TO CONSTRUCT ECSTA2,ECSTA3 AND ECSTA3A-ECONOMIC STATUS VARIABLE. REMOVING FULL-TIME STUDENTS INTO A SEPERATE CATEGORY OR INTO ECONMICALLY INACTIVE

```

DO IF VAL(EDUCEND)EQ 1
+ COMPUTE ECSTA2 EQ 8
ELSE IF VAL(SCHOOL)EQ 1
+ COMPUTE ECSTA2 EQ 8
ELSE IF VAL(IFNOJOB)EQ 4
+ COMPUTE ECSTA2 EQ 8
ELSE IF RANGE(VAL(ECSTA),-10,9)
RECODE ECSTA (1=1)(2=2)(3=3)(4=4)(5=5)(6=6)(7=7)(8=8)(9=9)
(-10=-10)(-6=-6) INTO ECSTA2/
END IF
RECODE ECSTA2 (1,2,3 = 1)(4 = 2)(6 = 3)(7 = 4)(5,8,9 = 5)
(-6=-6) INTO ECSTA3/
RECODE ECSTA3 (1 = 1)(2 = 2)(3,4,5 = 3)
(-6=-6) INTO ECSTA3A/

```

```

VARIABLE LABELS ECSTA2 "ECONOMIC ACTIVITY STATUS - EXCL FT
STUDENTS"
ECSTA3 "ECONOMIC ACTIVITY STATUS(GPD) - EXCL FT STUDENTS"
ECSTA3A "ECONOMIC ACTIVITY STATUS(GPD) - EXCL FT
STUDENTS"/

```

VALUE LABELS ECSTA2 1'FT Work'2'PT Work'3'Work-na hours'4'Unemployed'
 5'Perm sick'6'Retired'7'Keeping house'8'FT Student'
 9'Other inactive'/
 ECSTA3 1'Working'2'Unemployed'3'Retired'4'Keeping house'
 5'Other inactive'/
 ECSTA3A 1'Working'2'Unemployed'3'Econ inactive'/

 4 TOPQUAL2; TOPQUAL3

*PROGRAM TO CONSTRUCT TOPQUAL2 AND TOPQUAL3 - QUALIFIACION
 VARIABLE REMOVING. FULL-TIME STUDENTS INTO A SEPERATE CATEGORY

DO IF VAL(EDUCEND)EQ 1
 + COMPUTE TOPQUAL2 EQ 8
 ELSE IF VAL(SCHOOL)EQ 1
 + COMPUTE TOPQUAL2 EQ 8
 ELSE IF VAL(IFNOJOB)EQ 4
 + COMPUTE TOPQUAL2 EQ 8
 ELSE IF RANGE(VAL(TOPQUAL),-10,8)
 RECODE TOPQUAL (1=1)(2=2)(3=3)(4=4)(5=5)(7=6)(6,8=7)(else=copy) into
 TOPQUAL2/
 END IF

VARIABLE LABELS TOPQUAL2 "HIGHEST QUAL LEVEL ATTAINED-EXCL FTS"/

VALUE LABELS TOPQUAL2 1'Degree or equiv'2'Higher ed below deg'
 3'GCE AL equiv'4'GCE OL equiv'5'CSE other gra equiv'
 6'Foreign/other'7'No quals'8'FT stud'-10'Proxy'-8'NA'
 -6'Non resp to int'/

RECODE TOPQUAL2 (1,2 = 1)(3,4,5,6 = 2)(7 = 3)(8 = 4)(ELSE=COPY) INTO
 TOPQUAL3/

VARIABLE LABELS TOPQUAL3 "HIGHEST QUAL LEVEL ATTAINED - EXCL FTS"

VALUE LABELS TOPQUAL3 1'Higher quals'2'Other quals'3'No quals'4'FT students'
 -10'Proxy'-8'NA'-6'Non resp to int'/

 5 SOCLASE1

*AMMENDMENTS TO SOCIAL CLASS VARIABLES (ONLY THOSE THAT ASSIGN
 FULL-TIME STUDENTS TO A SEPERATE CODE).THESE AMENDMENTS RECODE
 THE '0' VALUES INTO THE CORRECT CODE

```

RECODE SOCLASE (1,2 = 1)(3 = 2)(4 = 3)(5,6 = 4)(7,8,9,-9 = -9)(-1,-6 = -6)
      (-8 = -8) INTO SOCLASE1/
VARIABLE LABELS SOCLASE1 "SOC CLASS OF INFORM (FT STUD=SEP CAT)
-GRPD"
VALUE LABELS SOCLASE1 1'I & II'2'III non-man'3'III manual'4'IV & V'
      -9'FT/AF/nev wked'-8'NA inadeq descr'-6'Pr/Nr/matrix bl'

```

6 SOCLPR1

```

RECODE SOCLASPR (1,2 = 1)(3 = 2)(4 = 3)(5,6 = 4)(7,8,9,-9 = -9)(-1,-5 = -5)
      (-8 = -8) INTO SOCLPR1/
VARIABLE LABELS SOCLPR1 "SOC CLASS OF PROXY (FT STUD=SEP CAT) -
GRPD"
VALUE LABELS SOCLPR1 1'I & II'2'III non-man'3'III manual'4'IV & V'
      -9'FT/AF/nev wked'-8'NA inadeq descr'-5'FI/Nr/matrix bl'

```

7 SOCLHH1

```

RECODE SOCLHH (1,2 = 1)(3 = 2)(4 = 3)(5,6 = 4)(7,8,9,-9 = -9)(-1,-6 = -6)
      (-8 = -8) INTO SOCLHH1/
VARIABLE LABELS SOCLHH1 "SOC CLASS OF HOH (FT STUD=SEP CAT) - GRPD"
VALUE LABELS SOCLHH1 1'I & II'2'III non-man'3'III manual'4'IV & V'
      -9'FT/AF/nev wked'-8'NA inadeq descr'-6'Pr/Nr/matrix bl'

```

8 SOCLNR; SOCLNR1; SOCPRHH1

*DERIVATION OF NEW SOCIAL CLASS VARIABLE - SOCLNR FOR HoH SOCIAL CLASS OF NON-RESPONDERS:

```

DO IF VAL(CASENO) EQ 105 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 110 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 110 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 124 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 124 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 124 AND VAL(PERSNO) EQ 4

```

```

+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 807 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 907 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 1611 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 2006 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 2206 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 2416 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 2416 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 2628 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 2820 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 9
ELSE IF VAL(CASENO) EQ 2917 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 6
ELSE IF VAL(CASENO) EQ 2918 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 2
ELSE IF VAL(CASENO) EQ 3122 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 3201 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 3206 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 3317 AND VAL(PERSNO) EQ 5
+ COMPUTE SOCLNR = 1
ELSE IF VAL(CASENO) EQ 3824 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 3902 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 2
ELSE IF VAL(CASENO) EQ 4409 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 2
ELSE IF VAL(CASENO) EQ 4807 AND VAL(PERSNO) EQ 3
+ COMPUTE SOCLNR = 3
ELSE IF VAL(CASENO) EQ 4824 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 5007 AND VAL(PERSNO) EQ 1
+ COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 5201 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 5814 AND VAL(PERSNO) EQ 2
+ COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 5814 AND VAL(PERSNO) EQ 3

```



```

+COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 5814 AND VAL(PERSNO) EQ 4
+COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 5825 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 2
ELSE IF VAL(CASENO) EQ 5909 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 6214 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 6419 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 3
ELSE IF VAL(CASENO) EQ 6503 AND VAL(PERSNO) EQ 3
+COMPUTE SOCLNR = 3
ELSE IF VAL(CASENO) EQ 6507 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 6902 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 7013 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 7013 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 7014 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 7119 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 7712 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8020 AND VAL(PERSNO) EQ 4
+COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 8022 AND VAL(PERSNO) EQ 5
+COMPUTE SOCLNR = 5
ELSE IF VAL(CASENO) EQ 8102 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 4
ELSE IF VAL(CASENO) EQ 8112 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8126 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8126 AND VAL(PERSNO) EQ 3
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8126 AND VAL(PERSNO) EQ 4
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8405 AND VAL(PERSNO) EQ 1
+COMPUTE SOCLNR = -8
ELSE IF VAL(CASENO) EQ 8904 AND VAL(PERSNO) EQ 2
+COMPUTE SOCLNR = 2
ELSE IF VAL(SCHEDTYP) NE 0
+COMPUTE SOCLNR = -1
END IF

```

VARIABLE LABELS SOCLNR "SOCL CLASS OF HOH OF NON-RESP (FT stud = sep cat)"

VALUE LABELS SOCLNR -8'HoH-non-resp'-1'Responder'1'I'2'II'3'IIIN'
4'IIIM'5'IV'6'V'7'Armed forces'8'Not fully descr'
9'FT Student'/

RECODE SOCLNR (1,2 = 1)(3 = 2)(4 = 3)(5,6 = 4)(7,8,9,-9 = -9)(-1 = -1)
(-8 = -8) INTO SOCLNR1/

VARIABLE LABELS SOCLNR1 "SOC CLASS OF HOH (FT STUD = SEP CAT) - GRPD"

VALUE LABELS SOCLNR1 1'I & II'2'III non-man'3'III manual'4'IV & V'
-9'FT/AF/nev wked'-8'HoH-non-resp'-1'Responder'/

RECODE SOCPRHH1 (1,2 = 1)(3 = 2)(4 = 3)(5,6 = 4)(7,8,9,-9 = -9)(-1,-5 = -5)
(-8 = -8) INTO SOCLPR1/

VARIABLE LABELS SOCPRHH1 "SOC CLASS OF PROXY (FT STUD = SEP CAT)-
GRPD"

VALUE LABELS SOCPRHH1 1'I & II'2'III non-man'3'III manual'4'IV & V'
-9'FT/AF/nev wked'-8'NA inadeq descr'-5'FI/Nr/matrix bl'

9 AGE1; AGE2; AGE3; AGE4; AGE5

RECODE AGE (16 THRU 24 = 1)
(25 THRU 34 = 2)
(35 THRU 44 = 3)
(45 THRU 54 = 4)
(55 THRU 64 = 5)
(65 THRU 74 = 6)
(75 THRU 98 = 7)
INTO AGE1/

RECODE AGE (16 THRU 24 = 1)
(25 THRU 34 = 2)
(35 THRU 44 = 3)
(45 THRU 54 = 4)
(55 THRU 64 = 5)
(65 THRU 98 = 6)
INTO AGE2/

RECODE AGE (16 THRU 24 = 1)
(25 THRU 44 = 2)
(45 THRU 64 = 3)
(65 THRU 84 = 4)
(85 THRU 98 = 5)
INTO AGE3/

RECODE AGE (16 THRU 24 = 1)
 (25 THRU 44 = 2)
 (45 THRU 64 = 3)
 (65 THRU 98 = 4)
INTO AGE4/

RECODE AGE (16 THRU 24 = 1)
 (25 THRU 29 = 2)
 (30 THRU 34 = 3)
 (35 THRU 39 = 4)
 (40 THRU 44 = 5)
 (45 THRU 49 = 6)
 (50 THRU 54 = 7)
 (55 THRU 59 = 8)
 (60 THRU 64 = 9)
 (65 THRU 69 = 10)
 (70 THRU 74 = 11)
 (75 THRU 79 = 12)
 (80 THRU 84 = 13)
 (85 THRU 89 = 14)
 (90 THRU 94 = 15)
 (95 THRU 98 = 16)
INTO AGE5/

VARIABLE LABELS AGE1 'Age recoded in 10 year bands upto 74 +'
 AGE2 'Age recoded in 10 year bands upto 65 +'
 AGE3 'Age recoded in 20 year bands upto 85 +'
 AGE4 'Age recoded in 20 year bands upto 65 +'
 AGE5 'Age recoded in 5 year bands upto 95 +'

VALUE LABELS AGE1 1 '16-24'
 2 '25-34'
 3 '35-44'
 4 '45-54'
 5 '55-64'
 6 '65-74'
 7 '75-98'

VALUE LABELS AGE2 1 '16-24'
 2 '25-34'
 3 '35-44'
 4 '45-54'
 5 '55-64'
 6 '65-98'

VALUE LABELS AGE3 1 '16-24'
 2 '25-44'
 3 '45-64'

4 '65-84'
5 '85-98'/

VALUE LABELS AGE4 1 '16-24'

2 '25-44'
3 '45-64'
4 '65-98'/

VALUE LABELS AGE5 1 '16-24'

2 '25-29'
3 '30-34'
4 '35-39'
5 '40-44'
6 '45-49'
7 '50-54'
8 '55-59'
9 '60-64'
10 '65-69'
11 '70-74'
12 '75-79'
13 '80-84'
14 '85-89'
15 '90-94'
16 '95-98'/

10 RHAAREA; STDRGN; GHSRGN

RECODE AREA (01,02,03,46,47,48 = 1)
(04,05,06,07,49,50,51,52,53 = 2)
(08,09,10,11,60,61,62 = 3)
(12,13,15,17,55,57,59 = 4)
(14,16,54,56,58 = 5)
(18,19,20,21,22,63,64,65,66,67 = 6)
(23,24,68,69 = 7)
(25,26,36,70,71,72,81 = 8)
(28,29,31,73,76,84,85 = 9)
(32,35,77,80 = 10)
(33,34,41,42,43,45,78,86,88 = 11)
(27,30,37,38,39,75,82,83 = 12)
(40,74,79 = 13)
(44,87,89,90 = 14)

into RHAAREA/

RECODE AREA (01,02,03,46,47,48 = 1)
(04,05,06,07,49,50,51,52,53 = 2)
(12,13,14,15,16,17,54,55,56,57,58,59 = 3)

(08,09,10,11,60,61,62 = 4)
(18,19,20,21,22,63,64,65,66,67 = 5)
(23,24,68,69 = 6)
(25,26,27,28,29,30,70,71,72,73,74,75,76 = 7)
(31,32,33,34,35,36,37,38,39,40,77,78,79,80
81,82,83,84,85,86 = 8)
(41,42,43,44,45,87,88,89,90 = 9)

into STDRGN/

Recode STDRGN (1,2,3 = 1)

(4,5,6,9 = 2)

(7,8 = 3)

into STDRGN1/

RECODE AREA (01,46,47,48 = 1)

(02,03 = 2)

(05,06,07,51,52,53 = 3)

(04,49,50 = 4)

(12,16,17,57,58,59 = 5)

(13,14,15,54,55,56 = 6)

(08,09,10,11,60,61,62 = 7)

(19,20,21,64,65,67 = 8)

(22,18,63,66 = 9)

(23,24,68,69 = 10)

(26,28,30,71,73 = 11)

(25,27,29,70,72,74,75,76 = 12)

(31,36,37,39,79,80,81,82,84 = 13)

(32,33,34,35,38,40,77,78,83,85,86 = 14)

(41,42,43,44,45,87,88,89,90 = 15)

into GHSRGN/

Variable Label RHAAREA 'Regional Health Authorities grouped together'

Variable Label STDRGN 'Standard region grouped together'

Variable Label STGRGN1 'Standard region in 3 groups'

Variable Label GHSRGN 'General Household Survey regions grouped'

Value Labels RHAAREA 1 'North'

2 'Yorkshire'

3 'Trent'

4 'North West'

5 'Mersey'

6 'West Midlands'

7 'East Anglia'

8 'North West Thames'

9 'South East Thames'

10 'Oxford'

- 11 'Wessex'
- 12 'North East Thames'
- 13 'South West Thames'
- 14 'South West'/'

- Value Labels STDRGN 1 'North STD 1'
- 2 'Yorks and Humbs STD 2'
 - 3 'North West STD 3'
 - 4 'East Midlands STD 4'
 - 5 'West Midlands STD 5'
 - 6 'East Anglia STD 6'
 - 7 'London STD 7'
 - 8 'South East STD 8'
 - 9 'South West STD 9'/'

- Value Label STDRGN1 1 'North'
- 2 'Central'
 - 3 'South'/'

- Value Labels GHSRGN 1 'North Met GHS 1 '
- 2 'North Non-Met GHS 2'
 - 3 'Yorks and Humbs Met GHS 3'
 - 4 'Yorks and Humbs Non-Met GHS 4'
 - 5 'North West Met GHS 5'
 - 6 'North West Non-Met GHS 6'
 - 7 'East Midlands GHS 7'
 - 8 'West Midlands Met GHS 8'
 - 9 'West Midlands Non-Met GHS 9'
 - 10 'East Anglia GHS 10'
 - 11 'Greater London Inner GHS 11'
 - 12 'Greater London Outer GHS 12'
 - 13 'South East Outer Met GHS 13'
 - 14 'South East remaining GHS 14'
 - 15 'South West GHS 15'/'

11 SYMPANG

COMPUTE SYMPANG=3

IF (CHESPAIN=-10) SYMPANG=-10

IF (CHESPAIN=-6) SYMPANG=-6

IF (CHESPAIN=-8 OR PANSITM1=-8 OR WALKING=-8 OR STOPWALK=-8 OR

HOWSOON=-8) SYMPANG=-8

IF ((CHESPAIN=1) AND
(ANY(PANSITM1,1,2) OR (PANSITM1=3 AND PANSITM2=4)) AND
(WALKING=1 OR WALKING =2) AND
(STOPWALK=1) AND
(HOWSOON=1) AND
(UPHILL=1 AND LEVEL=2)) SYMPANG=1

IF ((CHESPAIN=1) AND
(ANY(PANSITM1,1,2) OR (PANSITM1=3 AND PANSITM2=4)) AND
(WALKING=1 OR WALKING =2) AND
(STOPWALK=1) AND
(HOWSOON=1) AND
(LEVEL=1)) SYMPANG=2

12 PHLEGM

COMPUTE PHLEGM=0

IF (FLEMDAWN=-10) PHLEGM=-10
IF (FLEMDAWN=-6) PHLEGM=-6
IF (FLEMREG=-8) PHLEGM=-8
IF (ANY(FLEMREG,2,-9)) PHLEGM=3
IF (FLEMWINT=1 AND FLEMREG=1) PHLEGM=2
IF (FLEMDAWN=1 AND FLEMREG=1) PHLEGM=1

13 BRETHLES

COMPUTE BRETHLES=0

IF (WINDHILL=-10) BRETHLES=-10
IF (WINDHILL=-6) BRETHLES=-6
IF (WINDHILL NE 1 AND WINDPEER NE 1 AND WINDPACE=-8) BRETHLES=-8
IF (WINDHILL NE 1 AND WINDPEER=-8 AND WINDPACE NE 1) BRETHLES=-8
IF (WINDHILL=-8) BRETHLES=-8
IF (WINDHILL=2 OR (WINDHILL=3 AND ((WINDPEER=2 AND WINDPACE=2) OR

(WINDPEER=3)))) BRETHLES=3
IF (WINDPEER=1 OR WINDPACE=1) BRETHLES=2

IF (WINDHILL = 1 AND ((WINDPEER = 2 AND WINDPACE NE 1) OR (WINDPEER = 3)
OR (WINDPEER = -8 AND WINDPACE NE 1))) BRETHLES = 1

VARIABLE LABELS SYMPANG 'ANGINA SYMPTOMS (ROSE-ANGINA QNAIRE)' /
PHLEGM 'PHLEGM SYMPTOMS (MRC RESP QNAIRE)' /
BRETHLES 'BREATHLESSNESS (MRC RESP QNAIRE)'

VALUE LABELS SYMPANG 1 'GRADE 1 ANGINA' 2 'GRADE 2 ANGINA'
3 'NO ANGINA' /

PHLEGM 1 'MORNING PHLEGM' 2 'EVENING PHLEGM'
3 'NO PHLEGM' /

BRETHLES 1 'GRADE 1 BREATHLESS' 2 'GRADE 2 BREATHLESS'
3 'NO BREATHLESSNESS'

14 NUMHOME; NUMWALK

* Create variables for number of occasions walking or
* home activities at moderate level - NUMHOME, NUMWALK

COMPUTE NUMWALK = 0
COMPUTE NUMHOME = 0
DO IF VAL(ACTIVE) EQ -6
COMPUTE HEAVY1 = -6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE HEAVY1 = -10
ELSE IF VAL(HEVYHWRK) EQ 1
RECODE HEAVYDAY (-8,-9=0)(ELSE=COPY) INTO HEAVY1
ELSE
COMPUTE HEAVY1 = 0
END IF

DO IF VAL(ACTIVE) EQ -6
COMPUTE MANDAY1 = -6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE MANDAY1 = -10
ELSE IF VAL(MANWORK) EQ 1
RECODE MANDAYS (-8,-9=0)(ELSE=COPY) INTO MANDAY1
ELSE
COMPUTE MANDAY1 = 0
END IF

DO IF VAL(ACTIVE) EQ -6
COMPUTE NUMWALK = -6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE NUMWALK = -10
ELSE IF VAL(WALKACTY) EQ 4 AND VAL(MILENUM) GE 1


```
COMPUTE NUMWALK = VAL(MILENUM)
ELSE
COMPUTE NUMWALK = 0
END IF
```

```
DO IF VAL(ACTIVE) EQ -6
COMPUTE NUMHOME = -6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE NUMHOME = -10
ELSE IF VAL(HOMEACTY) EQ 3
COMPUTE NUMHOME = HEAVY1 + MANDAY1
ELSE
COMPUTE NUMHOME = 0
END IF
```

```
VARIABLE LABELS NUMHOME "No. occ mod home activity"
NUMWALK "No occ mod walking activity"
```

```
*****
15 NUM20SP
```

* Create NUM20SP for occasions moderate or vigorous sports activity of at least 20 mins duration

```
DO REPEAT I=OCCX1 TO OCCX15
COMPUTE I=0
END REPEAT
```

```
IF (CYCLE EQ 1 AND (CYCLEMIN GE 20 OR CYCLEHR GE 1)
AND CYCLEOCC GE 1) OCCX1 = CYCLEOCC
IF (EXEFF EQ 1 AND (EXMIN GE 20 OR EXHR GE 1)
AND EXOCC GE 1) OCCX2 = EXOCC /*If effort involved
IF (AERO EQ 3 AND (AEROMIN GE 20 OR AEROHR GE 1)
AND AEROOCC GE 1) OCCX3 = AEROOCC
IF (DANCEEFF EQ 1 AND (DANCEMIN GE 20 OR DANCEHR GE 1)
AND DANCEOCC GE 1) OCCX4 = DANCEOCC /*If effort involved
IF (WTRAIN EQ 5 AND (WEIGHMIN GE 20 OR WEIGHHR GE 1)
AND WEIGHOCC GE 1) OCCX5 = WEIGHOCC
IF (SWIM EQ 6 AND (SWIMMIN GE 20 OR SWIMHR GE 1)
AND SWIMOCC GE 1) OCCX6 = SWIMOCC
IF (RUN EQ 7 AND (RUNMIN GE 20 OR RUNHR GE 1)
AND RUNOCC GE 1) OCCX7 = RUNOCC
IF (FOOTBALL EQ 8 AND (FTBLLMIN GE 20 OR FTBLLHR GE 1)
```

```

AND FTBLLOCC GE 1) OCCX8=FTBLLOCC
IF (TENNIS EQ 9 AND (TENNMN GE 20 OR TENNHR GE 1)
AND TENNOCC GE 1) OCCX9=TENNOCC
IF (SQUASH EQ 10 AND (SQUASMIN GE 20 OR SQUASHR GE 1)
AND SQUASOCC GE 1) OCCX10=SQUASOCC
IF (ANY(ACTA,2,3) AND (ACTAMIN GE 20 OR ACTAHR GE 1)
AND ACTAOCC GE 1) OCCX11=ACTAOCC
IF (ANY(ACTB,2,3) AND (ACTBMN GE 20 OR ACTBHR GE 1)
AND ACTBOCC GE 1) OCCX12=ACTBOCC
IF (ANY(ACTC,2,3) AND (ACTCMN GE 20 OR ACTCHR GE 1)
AND ACTCOCC GE 1) OCCX13=ACTCOCC
IF (ANY(ACTD,2,3) AND (ACTDMN GE 20 OR ACTDHR GE 1)
AND ACTDOCC GE 1) OCCX14=ACTDOCC
IF (ANY(ACTE,2,3) AND (ACTEMN GE 20 OR ACTEHR GE 1)
AND ACTEOCC GE 1) OCCX15=ACTEOCC

```

```

DO IF VAL(ACTIVE) EQ -6
COMPUTE NUM20SP=-6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE NUM20SP=-10
ELSE IF VAL(SPRTACTY) EQ -8
COMPUTE NUM20SP=-8
ELSE IF ANY(SPRTACTY,1,2)
COMPUTE NUM20SP=0
ELSE IF ANY(SPRTACTY,3,4)
COMPUTE NUM20SP=SUM(OCCX1 TO OCCX15)
END IF

```

VARIABLE LABELS NUM20SP "No. occas mod/vig sports for 20+ mins"

16 NUM20

* Create NUM20 for occasions of moderate or vigorous activity (of 20 mins duration for sport) in walking, home activities and sport.

```
COMPUTE NUM20=0
```

```

DO IF VAL(ACTIVE) EQ -6
COMPUTE NUM20=-6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE NUM20=-10
ELSE IF ACTLEVEL EQ -8
COMPUTE NUM20=-8
ELSE

```

```
COMPUTE NUM20=NUMHOME + NUMWALK + NUM20SP
END IF
```

```
VARIABLE LABELS NUM20 "All occas mod/vig activity"
```

```
*****
17  NUM20G1; NUM20G2
```

```
* Grouped variables for number moderate/vigorous occasions.
  NUM20G1 is grouping excluding occupational activity.
  NUM20G2 is grouping which includes an allowance for
  occupational activity
```

```
RECODE NUM20 (-6=-6)(-10=-10)(-8=-8)(0=0)(1 THRU 4=1)(5 THRU 11=2)
  (12 THRU HI=3) INTO NUM20G1
```

```
DO IF VAL(WORKACTY) EQ 3 OR VAL(WORKACTY) EQ 4
COMPUTE NUM20G2=3
ELSE
COMPUTE NUM20G2=VAL(NUM20G1)
END IF
```

```
VARIABLE LABELS
```

```
  NUM20G1 "No. occas mod/vig 20+ mins exc. work"
  NUM20G2 "No. occas mod/vig 20+ mins inc. work"
VALUE LABELS NUM20G1 NUM20G2 0 "None" 1 "1 to 4" 2 "5 to 11"
  3 "12 or more"
```

```
*****
18  VIG20G1; VIG20G2
```

```
* Create grouped variables VIG20G1 for occasions vigorous sports and
  VIG20G2 for occasions vigorous sports plus occupational activity
```

```
RECODE VIG20SP (12 THRU HI=2)(1 THRU 11=1)(0=0)(ELSE=COPY)
  INTO VIG20G1
```

```
DO IF VAL(WORKACTY) EQ 4
COMPUTE VIG20G2=2
ELSE
COMPUTE VIG20G2=VAL(VIG20G1)
END IF
```

VARIABLE LABELS VIG20G1 "No. vigorous sports occ of 20 mins duration"
VIG20G2 "No. vigorous of 20 mins duration inc. work"
VALUE LABELS VIG20G1 VIG20G2 0 "NONE" 1 "< 12 OCCAS"
2 "12+ OCCAS"

19 QUALACT1

TITLE "Frequency-intensity activity level"

* Create summary variable QUALACT1

```
DO IF VAL(ACTIVE) EQ -6
COMPUTE QUALACT1 = -6
ELSE IF VAL(ACTIVE) EQ -10
COMPUTE QUALACT1 = -10
ELSE IF ACTLEVEL EQ -8
COMPUTE QUALACT1 = -8
ELSE IF VAL(NUM20G2) EQ 0
COMPUTE QUALACT1 = 0
ELSE IF VAL(VIG20G2) EQ 2
COMPUTE QUALACT1 = 5
ELSE IF VAL(VIG20G2) GE 1 AND VAL(NUM20G2) EQ 3
COMPUTE QUALACT1 = 4
ELSE IF VAL(NUM20G2) EQ 3
COMPUTE QUALACT1 = 3
ELSE IF VAL(NUM20G2) EQ 2
COMPUTE QUALACT1 = 2
ELSE IF VAL(NUM20G2) EQ 1
COMPUTE QUALACT1 = 1
END IF
```

VARIABLE LABELS QUALACT1 "FREQUENCY-INTENSITY ACTIVITY LEVEL"

VALUE LABELS QUALACT1 0 "No mod,vig" 1 "1-4 mv" 2 "5-11 mv"

3 "12+ mod, no vig" 4 "12+ mv, some vig" 5 "12+ vigorous"

20 PSU; PSUREG

* Create PSU and Region variables for use when calculating
sampling errors

```
RECODE AREA (46 = 1)(2 = 2)(3 = 3)(48 = 4)(1 = 5)(47 = 6)(5 = 7)
(51 = 8)(50 = 9)(6 = 10)(4 = 11)(53 = 12)(49 = 13)(7 = 14)(52 = 15)
```

```

(54 = 16)(13 = 17)(14 = 18)(57 = 19)(56 = 20)(58 = 21)(59 = 22)
(17 = 23)(15 = 24)(12 = 25)(16 = 26)(55 = 27)(62 = 28)(9 = 29)
(10 = 30)(11 = 31)(8 = 32)(60 = 33)(61 = 34)(20 = 35)(66 = 36)(18 = 37)
(65 = 38)(67 = 39)(64 = 40)(19 = 41)(21 = 42)(63 = 43)(22 = 44)(68 = 45)
(69 = 46)(24 = 47)(23 = 48)(72 = 49)(76 = 50)(71 = 51)(25 = 52)(29 = 53)
(27 = 54)(28 = 55)(30 = 56)(26 = 57)(70 = 58)(74 = 59)(75 = 60)(73 = 61)
(79 = 62)(77 = 63)(38 = 64)(34 = 65)(31 = 66)(37 = 67)(40 = 68)(84 = 69)
(86 = 70)(85 = 71)(81 = 72)(39 = 73)(82 = 74)(83 = 75)(33 = 76)(78 = 77)
(80 = 78)(32 = 79)(36 = 80)(35 = 81)(41 = 82)(90 = 83)(43 = 84)(44 = 85)
(87 = 86)(88 = 87)(42 = 88)(45 = 89)(89 = 90) INTO PSU

```

```

RECODE PSU(1 THRU 6 = 1)(7 THRU 15 = 2)(16 THRU 27 = 3)(28 THRU 34 = 4)
(35 THRU 44 = 5)(45 THRU 48 = 6)(49 THRU 61 = 7)(62 THRU 81 = 8)
(82 THRU 90 = 9) INTO PSUREG

```

```

VARIABLE LABELS PSU "AREA NUMBERS FOR SAMP ERRORS"
PSUREG "REGION FOR SAMP ERRORS"

```

```

*****

```

```

21 BMI; BMIG1

```

```

* Compute Body Mass Index

```

```

DO IF VAL(HEIGHT) EQ -6
COMPUTE BMI = -6
ELSE IF VAL(HEIGHT) EQ -10
COMPUTE BMI = -10
ELSE IF VAL(HEIGHT) EQ -8 OR VAL(WEIGHT) EQ -8
COMPUTE BMI = -8
ELSE IF VAL(HEIGHT) EQ -9 OR VAL(WEIGHT) EQ -9
COMPUTE BMI = -9
ELSE COMPUTE BMI = WEIGHT / ((HEIGHT/100)*(HEIGHT/100))
END IF

```

```

RECODE BMI (1 THRU 20 = 1)(20 THRU 25 = 2)
(25 THRU 30 = 3)(30 THRU HI = 4)(ELSE = COPY) INTO BMIG1
VALUE LABELS BMIG1 1 "LE 20" 2 "20-25" 3 "25-30"
4 "More than 30"

```

```

*****

```

```

22 HTDIFF

```

```

DO IF VAL(HEIGHT) EQ -6
COMPUTE HTDIFF = -6
ELSE IF VAL(HEIGHT) EQ -10
COMPUTE HTDIFF = -10

```

```
ELSE IF VAL(HEIGHT) GT 0
RECODE TURBANM1 (1 THRU 8=1)(-8,9=0)(ELSE= COPY) INTO HTDIFF
ELSE
COMPUTE HTDIFF=-9
END IF
```

23 WTDIFF

```
DO IF VAL(WEIGHT) EQ -6
COMPUTE WTDIFF=-6
ELSE IF VAL(WEIGHT) EQ -10
COMPUTE WTDIFF=-10
ELSE IF VAL(WEIGHT) GT 0
RECODE CIRCM1 (-8,9=0)(1 THRU 8=1)(ELSE= COPY) INTO WTDIFF
ELSE IF VAL(WEIGHT) LE 0
COMPUTE WTDIFF=-9
END IF
VALUE LABELS HTDIFF WTDIFF 1 "SOME PROBLEM" 0 "NO PROBLEM"
```

24 BMIDIFF

```
DO IF VAL(HTDIFF) EQ 1 OR VAL(WTDIFF) EQ 1
COMPUTE BMIDIFF=1
ELSE IF VAL(HTDIFF) EQ -9 OR VAL(WTDIFF) EQ -9
COMPUTE BMIDIFF=-9
ELSE IF VAL(HTDIFF) EQ -6
COMPUTE BMIDIFF=-6
ELSE IF VAL(HTDIFF) EQ -10
COMPUTE BMIDIFF=-10
ELSE
COMPUTE BMIDIFF=0
END IF
VALUE LABELS BMIDIFF 1 "PROB HT OR WT" 0 "NO PROBS"
```

25 RHAAREA1

```
Recode rhaarea (1,2,4,5 = 1)
              (3,6,7,10,14 = 2)
              (8,9,11,12,13 = 3)
into rhaarea1/
```

variable label rhaareal 'RHA in 3 groups'/

value labels rhaareal 1 'North'
2 'Central'
3 'South'/

26 RTYP1; RTYP2

recode inttype (1,2=1)-(3=2) (4=3) into rtyp1
variable labels rtyp1 'response to interview'
value labels rtyp1 1 'N-C & Ref'
2 'Proxy'
3 'Full Int'/

RECODE NURCOOP (-10,-6=1) (1,2=2) (3=3) INTO RTYP2
VARIABLE LABEL RTYP2 'RESPONSE TO NURSE VISIT'
VALUE LABEL RTYP2 1 'PROXY-NR INTERVIEW'
2 'REFUSAL NURSE VISIT'
3 'COOP NURSE VISIT'/

27 AC2

*comment creating drinking summary variable AC2

recode ac1 (1,8=1)
(2,3,4,9,10,11=2)
(5,6,12,13=3)
(7,14=4)
(-8=-8)
(-6=-6) into ac2/
variable labels ac2 'drinking - 4 groups'
value labels ac2 1 'non-drinker'
2 'light'
3 'moderate'
4 'heavy'
-8 'na'
-6 'proxy-NR'

28 DRKPROX

```
*comment creating drink status variable for proxies
recode drnkofte (-11 = -11) (-6 = -6) (1 thru 7 = 1) (8,9,-9 = 2) into drkprox
if (drinke = -8) drkprox = -8
```

```
variable labels drkprox 'drinking status-proxies'
value labels drkprox 1 'drinker'
                2 'non-drinker'
               -8 'na'
              -11 'full int'
               -6 'NR to Int'
```

29 CVD4

```
*comment creating cvd indicator variables-undiagnosed
```

```
compute cvd4 = 0
do if (everbp = 1 or everangi = 2 or everhart = 3 or everoth = 4 or
       everstro = 5 or everdi = 6)
. compute cvd4 = 1
else
. compute cvd4 = 2
end if
```

```
if (everbp = -10) cvd4 = -10
if (everbp = -7) cvd4 = -7
if (everbp = -6) cvd4 = -6
```

30 CVD5

```
compute cvd5 = 0
do if (everangi = 2 or everhart = 3 or everstro = 5)
. compute cvd5 = 1
else
. compute cvd5 = 2
end if
```

```
if (everbp = -10) cvd5 = -10
if (everbp = -7) cvd5 = -7
if (everbp = -6) cvd5 = -6
```

31 CVD6

```
compute cvd6 = 0
do if ((everbp = 1 or everdi = 6) and (everangi = 9 and everhart = 9 and
      everstro = 9))
. compute cvd6 = 1
else if (everangi = 2 and everhart = 9 and everstro = 9)
. compute cvd6 = 2
else if (everhart = 3 or everstro = 5)
. compute cvd6 = 3
end if

if (everbp = -10) cvd6 = -10
if (everbp = -7) cvd6 = -7
if (everbp = -6) cvd6 = -6
```

```
variable labels cvd4 'CVD condition-undiagnosed'
                /cvd5 'IHD & stroke-undiagnosed'
                /cvd6 'CVD severity-undiagnosed'
value labels cvd4 1 'Any CVD cond' 2 'No CVD cond'
              /cvd5 1 'Ang-HAtt-Stro' 2 'No Ang-HAtt-Stro'
              /cvd6 0 'No CVD or oth only' 1 'Only BP or diab'
                  2 'ang, not HAtt or stro'
                  3 'HAtt or stroke'
```

32 CVD4PR; CVD5PR; CVD6PR

*comment creating cvd indicator variables-undiagnosed for proxies

```
compute cvd4pr = 0
do if (everbpe = 1 or everange = 2 or everhrte = 3 or everothe = 4 or
      evrstroe = 5 or everdie = 6)
. compute cvd4pr = 1
else
. compute cvd4pr = 2
end if

if (everbpe = -11) cvd4pr = -11
if (everbpe = -6) cvd4pr = -6

compute cvd5pr = 0
```

```

do if (everange = 2 or everhrte = 3 or evrstroe = 5)
. compute cvd5pr = 1
else
. compute cvd5pr = 2
end if

```

```

if (everbpe = -11) cvd5pr = -11
if (everbpe = -6) cvd5pr = -6

```

```

compute cvd6pr = 0
do if ((everbpe = 1 or everdie = 6) and (everange ne 2 and everhrte ne 3 and
    evrstroe ne 5))
. compute cvd6pr = 1
else if (everange = 2 and everhrte ne 3 and evrstroe ne 5)
. compute cvd6pr = 2
else if (everhrte = 3 or evrstroe = 5)
. compute cvd6pr = 3
end if

```

```

if (everbpe = -11) cvd6pr = -11
if (everbpe = -6) cvd6pr = -6

```

```

variable labels cvd4pr 'Proxy CVD disorder-undiagnosed'
    /cvd5pr 'Proxy IHD & stroke-undiagnosed'
    /cvd6pr 'Proxy CVD severity-undiagnosed'

```

```

value labels cvd4pr 1 'Any CVD cond' 2 'No CVD cond'
    /cvd5pr 1 'Ang-HAtt-Stro' 2 'No Ang-HAtt-Stro'
    /cvd6pr 0 'No CVD or oth only' 1 'Only BP or diab'
    2 'ang, not HAtt or stro'
    3 'Hatt or stroke'

```

33 CVD1; CVD2; CVD3

```

select if (everbp ne -10 and everbp ne -7 and everbp ne -6)
compute cvd1 = 0

```

```

do if (docnrpx = 1 or docangi = 1 or docheart = 1 or docother = 1 or
    docstro = 1 or docindx = 1)
. compute cvd1 = 1
else if (docangi = -10)
. compute cvd1 = -10
else if (docangi = -7)
. compute cvd1 = -7
else if (docangi = -6)
. compute cvd1 = -6

```

```
else if (docnrbpx ne 1 and docangi ne 1 and docheart ne 1 and docother ne 1
        and docstro ne 1 and docindx ne 1)
. compute cvd1 = 2
end if
```

```
compute cvd2 = 0
```

```
do if (docangi = 1 or docheart = 1 or docstro = 1)
. compute cvd2 = 1
else if (docangi = -10)
. compute cvd1 = -10
else if (docangi = -7)
. compute cvd1 = -7
else if (docangi = -6)
. compute cvd1 = -6
else if (docangi ne 1 and docheart ne 1 and docstro ne 1)
. compute cvd2 = 2
end if
```

```
compute cvd3 = 0
```

```
do if ((docnrbpx = 1 or docinfdi = 1) and (docangi ne 1 and docheart ne 1 and
        docstro ne 1))
. compute cvd3 = 1
else if (docangi = -10)
. compute cvd1 = -10
else if (docangi = -7)
. compute cvd1 = -7
else if (docangi = -6)
. compute cvd1 = -6
else if (docangi = 1 and docheart ne 1 and docstro ne 1)
. compute cvd3 = 2
else if (docheart = 1 or docstro = 1)
. compute cvd3 = 3
end if
```

```
variable labels cvd1 'Cardiovascular disorder'
                /cvd2 'Ischaemic heart disease and stroke'
                /cvd3 'CVD measure of severity (hierarchy)'
value labels cvd1 1 'Yes' 2 'No'
              /cvd2 1 'Yes' 2 'No'
              /cvd3 0 'No CVD' 1 'Only high bp or diabetes'
                  2 'angina but not heart attack or stroke'
                  3 'heart attack or stroke'
```

34 RHA2

RECODE RHAAREA (8,9,12,13,7 = 1)(14,11,10,3,6 = 2)(1,2,4,5 = 3) INTO RHA2/

VARIABLE LABELS RHA2 "RHA GROUPING"

VALUE LABELS RHA2 1'South East'2'Sth,SW, Central'3'North'

35 CIGSMK1; CIGSMK2

* SMOKING DERIVED VARIABLES

RECODE CIGSMKNG (4,-8 = -8)(1 = 1)(2 = 2)(3 = 3)(5 = 4)(6 = 5)(-6 = -6)
INTO CIGSMK1/

VARIABLE LABELS CIGSMK1 "CIGARETTE SMOKING STATUS "

VALUE LABELS CIGSMK1 -8'NA; DK no. cigs'-6'No rec 8'1'20+ cigs a day'
2'10-19 cigs a day'3'0-9 cigs a day'4'Ex-smoker'
5'Nvr/occ smoked'

RECODE CIGSMKNG (1 THRU 3 = 1)(5 = 2)(6 = 3)(-6 = -6)(4,-8 = -8) INTO
CIGSMK2/

VARIABLE LABELS CIGSMK2 "CIGARETTE SMOKING STATUS (GRPD)"/

VALUE LABELS CIGSMK2 -8'NA'-6'No rec 8'1'Current smoker'2'Ex-smoker'
3'Never smoked'

36 EXSMOKE1

RECODE EXSMOKE (-8 = -8)(1 THRU 9 = 1)(10 THRU 19 = 2)(20 THRU HI = 3)
(-9 = -9) (-10,-6 = -6) INTO EXSMOKE1/

VARIABLE LABELS EXSMOKE1 "AMOUNT OF CIGARETTES USED TO SMOKE"

VALUE LABELS EXSMOKE1 1'1 - 9'2'10 - 19'3'20 or more'-8'NA'-9'Not ex-smker'
-6'No rec 8'

37 CIGARSMK; CIGARST

```

RECODE CIGARWK (0 THRU 14 = 1)(15 THRU HI = 2)(-8 = -8)(-9 = -9)
(-10,-6 = -10) INTO-CIGARSMK/
VARIABLE LABELS CIGARSMK "NUMBER OF CIGARS SMOKED A WEEK"
VALUE LABELS CIGARSMK 1'Light - LT 15'2'Heavy - GE 15'-8'NA'-9'Not smk cigars'
-10'No rec 8'

```

```

DO IF VAL(CIGAR)EQ 1
+ DO IF VAL(CIGARNOW)EQ 1
+ COMPUTE CIGARST = 1
+ ELSE IF VAL(CIGARNOW)EQ 2
+ COMPUTE CIGARST = 2
+ END IF
ELSE IF VAL(AGE) LT 18
+ DO IF VAL(AGE) NE 18
+ COMPUTE CIGARST = -9
+ END IF
ELSE IF RANGE(VAL(CIGAR),-10,2)
RECODE CIGAR (2,-9 = 3)(-8 = -8)(-10,-6 = -10) INTO CIGARST
END IF
VARIABLE LABELS CIGARST "CIGAR SMOKING STATUS"
VALUE LABELS CIGARST 1'Current smoker'2'Not current'3'Never smoked'
-8'NA'-9'DNA:16-17'-10'No rec 8'

```

38 NUMCIGAR

```

DO IF VAL(CIGARST)EQ 1
+ DO IF VAL(CIGARSMK)EQ 1
+ COMPUTE NUMCIGAR = 1
+ ELSE IF VAL(CIGARSMK)EQ 2
+ COMPUTE NUMCIGAR = 2
+ END IF
ELSE IF VAL(AGE) LT 18
+ DO IF VAL(AGE) NE 18
+ COMPUTE NUMCIGAR = -9
+ END IF
ELSE IF RANGE(VAL(CIGARST),-10,3)
RECODE CIGARST (2 = 3)(3 = 4)(-9 = -9)(-8 = -8)(-10 = -10) INTO NUMCIGAR
END IF
VARIABLE LABELS NUMCIGAR "NUMBER OF CIGARS SMOKED"
VALUE LABELS NUMCIGAR 1'Light - LT 15'2'Heavy - GE 15'3'Not current'
4'Never smoked'-8'NA'-9'DNA:16-17'-10'No rec 8'

```

39 PIPESTAT

```

DO IF VAL(PIPE)EQ 1
+ DO IF VAL(PIPENOW)EQ 1
+ COMPUTE PIPESTAT = 1
+ ELSE IF VAL(PIPENOW)EQ 2
+ COMPUTE PIPESTAT = 2
+ ELSE IF VAL(PIPENOW)EQ -8
+ COMPUTE PIPESTAT = -8
+ END IF
ELSE IF VAL(AGE) LT 18
+ DO IF VAL(AGE) NE 18
+ COMPUTE PIPESTAT = -9
+ END IF
ELSE IF RANGE(VAL(PIPE),-10,2)
RECODE PIPE (2,-9 = 3)(-8 = -8)(-6,-10 = -10) INTO PIPESTAT
END IF
VARIABLE LABELS PIPESTAT "PIPE SMOKING STATUS"
VALUE LABELS PIPESTAT 1'Current smoker'2'Not current'3'Never smoked'
-8'NA'-9'DNA:16-17'-10'No rec 8'

```

40 MENAC1; MENACSUM; WOMAC1; WOMACSUM

*DRINKING DERIVED VARIABLES

ADD VALUE LABELS AC1 6'Men 36-50'-6'No rec 8'

```

RECODE AC1 (8 THRU 14 = -9)(ELSE = COPY) INTO MENAC1/
VARIABLE LABELS MENAC1 "ALCHOL CONSUMPTION RATING - MEN"
VALUE LABELS MENAC1 1'Men non-drinker'2'Men LT 1 unit'3'Men 1-10'4'Men 11-21'
5'Men 22-35'6'Men 36-50'7'Men 51 + units'-9'Women'-8'NA'
-6'No rec 8'

```

```

RECODE MENAC1 (1,2 = 1)(3,4 = 2)(4 THRU HI = 3)(-8 = -8)(-9 = -9)(-6 = -6)
INTO
MENACSUM/
VARIABLE LABELS MENACSUM "MEN: AC SUMMARY"
VALUE LABELS MENACSUM 1'Low'2'Moderate'3'High'-8'NA'-9'Women'-6'No rec 8'

```

```

R E C O D E A C 1 ( 1 T H R U 7 =
-9)(8=1)(9=2)(10=3)(11=4)(12=5)(13=6)(14=7)(-8=-8)(-6=-6)
INTO WOMAC1/
VARIABLE LABELS WOMAC1 "ALCHOL CONSUMPTION RATING - WOMEN"

```

VALUE LABELS WOMAC1 1'Women non-drinker'2'Women LT 1 unit'3'Women 1-7'
4'Women 8-14'5'Women 15-25'6'Women 26-35'7'Women 36+ units'
-8'NA'-9'Men'-6'No rec 8'

RECODE WOMAC1 (1,2 = 1)(3,4 = 2)(4 THRU HI = 3)(-8 = -8)(-9 = -9)(-6 = -6)
INTO

WOMACSUM/

VARIABLE LABELS WOMACSUM "MEN: AC SUMMARY"

VALUE LABELS WOMACSUM 1'Low'2'Moderate'3'High'-8'NA'-9'Men'-6'No rec 8'

41 GHQ1;GHQ2;GHQ3;GHQ4;GHQ5;GHQ6;GHQ7;GHQ8;GHQ9;GHQ10;GHQ11;
GHQ12;GHQTOT

RECODE CONCENT (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ1/
SLEEP (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ2/
USEFUL (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ3/
DECISION (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ4/
STRAIN (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ5/
OVERCOME (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ6/
ENJOY (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ7/
FACE (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ8/
UNHAPPY (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ9/
CONFID (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ10/
WORTH (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ11/
HAPPY (1,2 = 0)(3,4 = 1)(-8 = -8)(-9 = -9)(-10,-6 = -6) INTO GHQ12/

DO IF VAL(GHQ1) EQ -6
+ DO IF VAL(GHQ1) EQ -6
+ COMPUTE GHQTOT = -6
+ END IF
ELSE IF VAL(GHQ1) EQ -9
+ DO IF VAL(GHQ1) EQ -9
+ COMPUTE GHQTOT = -9
+ END IF
ELSE IF VAL(GHQ1) NE -6
COUNT GHQNV=GHQ1 TO GHQ12(-8)
COMPUTE GHQTOT = SUM(GHQ1 TO GHQ12)

IF (GHQNV GT 1)GHQTOT = -1
END IF

42
PSSSCR1;PSSSCR2;PSSSCR3;PSSSCR4;PSSSCR5;PSSSCR6;PSSSCR7;PSSSCTOT

VARIABLE LABELS GHQTOT "GENERAL HEALTH QUESTIONNAIRE SCORE"
VALUE LABELS GHQTOT -1'NA'-9'DNA'-6'No rec 11'

RECODE HAPPY1 (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR1/
LOVED (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR2/
RELY (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR3/
CARE (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR4/
ACCEPT (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR5/
IMPORT (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR6/
SUPPORT (1=1)(2=2)(3=3)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO PSSSCR7/

DO IF VAL(PSSSCR1) EQ -6
+ DO IF VAL(PSSSCR1) EQ -6
+ COMPUTE PSSSCTOT = -6
+ END IF
ELSE IF VAL(PSSSCR1) EQ -9
+ DO IF VAL(PSSSCR1) EQ -9
+ COMPUTE PSSSCTOT = -9
+ END IF
ELSE IF VAL(PSSSCR1) NE -6
COUNT PSSSCRNV = PSSSCR1 TO PSSSCR7 (-8)
COMPUTE PSSSCTOT = SUM(PSSSCR1 TO PSSSCR7)

IF (PSSSCRNV GT 1) PSSSCTOT = -1
END IF

VARIABLES LABELS PSSSCTOT "PERSONAL SOCIAL SUPPORT SCORE"
VALUE LABELS PSSSCTOT -1'NA'-6'No rec 11'-9'DNA'

43 POSSMI

compute possmi = 0

variable labels possmi 'Possible Infarction'
value labels possmi 1 'Yes'
2 'No'

If (everpain = 1) possmi = 1
If (everpain ne 1) possmi = 2
If (value(everpain) = -10) possmi = -10
If (value(everpain) = -6) possmi = -6

44 BLDRESP2

```
recode bludresp (-5,1,2,3,4,5 = 1)
              (-10,-6 = 2)
              (-7 = 3)
              (-3 = 4)
              (-2 = 5)
              (-4 = 6) into bldresp2/
```

```
var labels bldresp2 'Response to blood sample'
```

```
value labels bldresp2 1 'Responder'
                    2 'Proxy/NR to int'
                    3 'Ref nurse visit'
                    4 'Ref blood'
                    5 'Ineligible'
                    6 'Unsuccessful'
```

45 CHOLGRP

```
comment grouping of analytes
```

```
recode cholest (1 thru 5.1 = 1)(5.19 thru 6.49 = 2)
              (6.5 thru 7.79 = 3)(7.8 thru 15 = 4) into cholgrp
value labels cholgrp 1 'less than 5.2' 2 '5.2 but less than 6.5'
                  3 '6.5 but less than 7.8' 4 'more than 7.8'/
```

46 HAEMOGRP

```
recode haemo (8 thru 10.99 = 1)(11 thru 12.49 = 2)(12.5 thru 13.99 = 3)
            (14 thru 15.49 = 4)(15.5 thru hi = 5) into haemogrp
value labels haemogrp 1 'less than 11' 2 '11 but less than 12.5'
                  3 '12.5 but less than 14' 4 '14 but less than 15.5' 5 'more than 15.5'/
```

47 FERRGRP

```
recode ferrit (1 thru 12.99 = 1)(13 thru 24.99 = 2)(25 thru 49.99 = 3)
            (50 thru 74.99 = 4)(75 thru 99.99 = 5)(100 thru hi = 6) into ferrgrp
value labels ferrgrp 1 'less than 13' 2 '13 - less than 25'
```

3 '25 - less than 50' 4 '50 - less than 75' 5 '75 -less than 100'
6 '100 or more'/'

48 CHOLEXCL; HAEMOEXC

comment exclusions for analytes

```
compute cholexcl = 0
do if any(9,med1,med2,med3,med4,med5,med6,
  med7,med8,med9,med10,med11)
compute cholexcl = 1
end if
```

```
compute haemoexc = 0
do if any(30,med1,med2,med3,med4,med5,med6,med7,
  med8,med9,med10,med11)
compute haemoexc = 1
end if
```

```
value labels cholexcl 1 'takes lipid drugs' 0 'no lipids'/
haemoexc 1 'takes excluded drugs'/'
```

49 DOCTALK2

```
.compute doctalk2 = -8
if (doctalk = 2 or nocv1 = 2) doctalk2 = 2
if (doctalk = 1 or nocv1 = 1) doctalk2 = 1
value labels doctalk2 1 'consulted doc' 2 'no consult'/'
```

50 TALKCOND

comment creating a summary var for those with cvd as to whether they spoke
about condition or not

```
compute talkcond = 0
if cvconsm1 = 7 talkcond = 2
variable labels talkcond 'cv cond: whether spoke about condition'
```

```
compute bp = 0
do if any(1, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute bp = 1
variable label bp 'whether spoke about bp condition'
end if
```

```
compute angina = 0
do if any(2, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute angina = 1
variable label angina 'whether spoke about angina condition'
end if
```

```
compute hattack = 0
do if any(3, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute hattack = 1
variable label hattack 'whether spoke about heart attack condition'
end if
```

```
compute othht = 0
do if any(4, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute othht = 1
variable label othht 'whether spoke about other heart trouble'
end if
```

```
compute stroke = 0
do if any(5, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute stroke = 1
variable label stroke 'whether spoke about stroke condition'
end if
```

```
compute diabetes = 0
do if any(6, cvconsm1, cvconsm2, cvconsm3, cvconsm4, cvconsm5, cvconsm6)
compute diabetes = 1
variable label diabetes 'whether spoke about diabetes'
end if
```

```
compute condit = sum(bp to diabetes)
if condit ge 1 talkcond = 1
```

```
do if (nocv1 = 1 and nocv3 ge 1)
. compute nocv3 = -11
end if
```

```
comment corrections on use of GP
```

```
if (nocv3 = 5 and cvd1 = 1) nocv3 = -9
if (nocv1 = 2 and cvd1 = 1) nocv1 = -9
```

value labels talkcond 1 'talk about a condition' 2 'didnt talk cond'/'

51

CONTACT1;CONTACT2;CONTACT3;OUT;IN;OPAT;IPATIENT;NONE;BPM;CH

```
compute contact = 0
if (cvd1 = 1) and (doctalk = 1) contact = 10
if (cvd1 = 1) and (doctalk = 2) or (doctalk = -9) and (talklast ge 1) and
(talklast le 3) contact = 12
if (cvd1 = 1) and (doctalk ne 1) and (talklast = 4) contact = 13
if (cvd1 = 1) and (doctalk ne 1) and (talklast = 5) contact = 2
```

```
compute contact1 = 0
if range(contact,10,13) contact1 = 1
```

```
compute contact2 = 0
if (cvd1 = 1) and (doctalk = 1) contact2 = 1
if (cvd1 = 1) and (doctalk ne 1) and (talklast ge 1) and
(talklast le 4) contact2 = 6
```

```
compute out = 0
if (cvd1 = 1) and (outpat = 1) out = 2
```

```
compute in = 0
if (cvd1 = 1) and (inpat = 1) in = 3
```

```
value labels contact2 out in 1 'doc last 2 weeks'
2 'opatient' 3 'inpatient' 6 'dr cvd cond last yr'/'
```

```
compute opat = 0
if (cvd1 = 1) and (outpat = 1) and (whyopat = 1) opat = 14
if (cvd1 = 1) and (outpat = 1) and (whyopat ne 1) opat = 15
```

```
compute ipatient = 0
if (cvd1 = 1) and (inpat = 1) and (whyinpat = 1) ipatient = 16
if (cvd1 = 1) and (inpat = 1) and (whyinpat ne 1) ipatient = 17
```

```
compute none = 0
if (cvd1 = 1) and (doctalk ne 1) and (talklast = 5) and (outpat = 2)
and (inpat = 2) none = 20
```

```
compute bpm = 0
if (cvd1 = 1) and (measlast = 1) bpm = 18
```

```
compute ch=0
if (cvd1=1) and (lastchol=1) ch=19
```

```
value labels contact contact1
```

```
opat ipatient bpm ch 1 'doc last 2 wks' 2 'no doc last yr'
6 'doc cvd last year'
10 'doc last 2 weeks'
12 'doc 2 wks to 6 mths' 13 'doc 6 mths to 1 yr'
14 'op cvd cond' 15 'op not cvd cond'
16 'ip cvd condition' 17 'ip not cvd cond'
18 'bp last 12 months'
19 'chol last 12 months'
20 'no contact with any service'/
contcomb 1 'all three' 2 'dr and inpat' 3 'dr and outpat'
4 'op and ip only' 5 'doctor only' 6 'op only' 7 'ip only'
8 'none'/'
```

```
*****
```

52 CONTCOMB

```
comment summary var for combinations of contact
```

```
compute contcomb=-10
```

```
if (contact1=1) and (outpat=1) and (inpat=1) contcomb=1
if (contact1=1) and (outpat=2) and (inpat=1) contcomb=2
if (contact1=1) and (outpat=1) and (inpat=2) contcomb=3
if (contact1=1) and (outpat=2) and (inpat=2) contcomb=5
if (contact=2) and (outpat=1) and (inpat=1) contcomb=4
if (contact=2) and (outpat=2) and (inpat=1) contcomb=7
if (contact=2) and (outpat=2) and (inpat=2) contcomb=8
if (outpat=1) and (inpat=2) and (contact=2) contcomb=6
if contact=0 and outpat=1 and inpat=2 contcomb=6
if contact=0 and inpat=1 and outpat=2 contcomb=7
if contact=0 and inpat=1 and outpat=1 contcomb=4
```

```
*****
```

53 CONSCVD

```
comment consultations about cvd condition
```

```
compute conscvd=0
```

```
if (cvd1=1) and (doctalk=1) and range(cvconsm1,1,6) conscvd=1
if (cvd1=1) and (doctalk ne 1) and (talklast=1) conscvd=2
if (cvd1=1) and (doctalk ne 1) and (talklast=2) conscvd=3
if (cvd1=1) and (doctalk ne 1) and (talklast=3) conscvd=4
if (cvd1=1) and (doctalk ne 1) and (talklast=4) conscvd=5
```

```

if (cvd1 = 1) and (doctalk ne 1) and (talklast = 5) conscvd = 6
if (cvd1 = 1) and (doctalk = 1) and (cvconsm1 = 7) and (talklast = 1) conscvd = 12
if (cvd1 = 1) and (doctalk = 1) and (cvconsm1 = 7) and (talklast = 2) conscvd = 13
if (cvd1 = 1) and (doctalk = 1) and (cvconsm1 = 7) and (talklast = 3) conscvd = 14
if (cvd1 = 1) and (doctalk = 1) and (cvconsm1 = 7) and (talklast = 4) conscvd = 15
if (cvd1 = 1) and (doctalk = 1) and (cvconsm1 = 7) and (talklast = 5) conscvd = 16

```

```

recode conscvd (1 = 1)(2,12 = 2)(3,13 = 3)(4,14 = 4)(5,15 = 5)(6,16 = 6)

```

```

value labels conscvd 1 'consult cvd last 2 wk' 2 'cvd consul 2-4wks'
3 'cvd cons 1-3 mo' 4 'cvd cons 3-6 mo' 5 'cvd cons 6-12'
6 'more than a year' 7 'op cvd' 8 'ip cvd'

```

```

*****
54 CONTNOCV

```

```

comment summary variable contact with health services for those with
no cvd condition

```

```

compute contnocv = 0
if (cvd1 = 2) and (nocv1 = 1) contnocv = 1
if (cvd1 = 2) and (nocv1 = 2) and (nocv3 = 1) contnocv = 2
if (cvd1 = 2) and (nocv1 = 2) and (nocv3 = 2) contnocv = 3
if (cvd1 = 2) and (nocv1 = 2) and (nocv3 = 3) contnocv = 4
if (cvd1 = 2) and (nocv1 = 2) and (nocv3 = 4) contnocv = 5
if (cvd1 = 2) and (nocv1 = 2) and (nocv3 = 5) contnocv = 6
value labels contnocv 1 'doc last 2 weeks' 2 'doc 2 wks to 1 mth'
3 '1 - 3 months' 4 '3-6 months' 5 '6 - 12 months' 6 'more than a year'

```

```

*****
55 CURRCVD

```

```

comment variable for those with a cvd in last year

```

```

compute currcvd = 0
if (cvd1 = 1) and any(1,recangi,recheart,recother,recstro) or
(medcinbp = 1) or (stillbp = 1) currcvd = 1

```

```

value labels currcvd 1 'had cvd last 12 months'

```

```

*****

```

56 NONDRK

```

DO IF VAL(SCHDTYP1) EQ 1 AND VAL(DRINK) EQ 2
+ DO IF VAL(DRINKANY) EQ 1
+ COMPUTE NONDRK = 2
+ ELSE IF VAL(DRINKANY) EQ 2
+ COMPUTE NONDRK = 1
+ ELSE IF VAL(DRINKANY) EQ -8
+ COMPUTE NONDRK = -8
+ END-IF
ELSE IF VAL(SCHDTYP1) EQ 1 AND VAL(DRINK) NE 2
+ DO IF VAL(DRINK) EQ 1
+ COMPUTE NONDRK = 2
+ ELSE IF VAL(DRINK) EQ -8
+ COMPUTE NONDRK = 2
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 0
COMPUTE NONDRK = -10
END IF
VARIABLE LABELS NONDRK "WHETHER NON DRINKER"
VALUE LABELS NONDRK 1'Nondrinker'2'Drinker'-8'NA'-10'Proxy:NR'

```

57 CHOLEST1; HAEMO1; FERRIT1

comment Set haemo/ferrit NA to Not Poss
 recode haemo,ferrit(-8=-4)

comment create new var has values for analytes
 recode cholest (0 thru hi=1)(-10=-10)(-7=-7)
 (-6=-6)(-5=-5)(-4=-4)(-3=-3)(-2=-2) into cholest1
 recode haemo (0 thru hi=1)(-10=-10)(-7=-7)
 (-6=-6)(-5=-5)(-4=-4)(-3=-3)(-2=-2) into haemo1
 recode ferrit (0 thru hi=1)(-10=-10)(-7=-7)
 (-6=-6)(-5=-5)(-4=-4)(-3=-3)(-2=-2) into ferrit1
 value labels cholest1, haemo1, ferrit1 1 'sample analysed'
 -10 'proxy' -7 'nr to nurse' -8 'na' -6 'nr interview'
 -5 'inadequate blood' -4 'not poss tke bl' -3 'samp ref'
 -2 'not attempted'

58 BLUDRESP

```
compute bludresp=0
do repeat bludvals=cholest,haemo,ferrit
do if (bludvals lt 1) and (bludvals ne -5)
. compute bludresp=bludvals
end if
end repeat
do if (cholest ge 1)
do if (haemo ge 1) and (ferrit ge 1)
. compute bludresp=1
end if
do if (ferrit ge 1) and (haemo eq -5)
. compute bludresp=2
end if
do if (ferrit eq -5) and (haemo ge 1)
. compute bludresp=3
end if
do if (haemo eq -5) and (ferrit eq -5)
. compute bludresp=4
end if
end if
do if (cholest eq -5)
do if (ferrit ge 1) and (haemo ge 1)
. compute bludresp=5
end if
do if (ferrit ge 1) and (haemo eq -5)
. compute bludresp=6
end if
do if (ferrit eq -5) and (haemo ge 1)
. compute bludresp=7
end if
do if (ferrit eq -5) and (haemo eq -5)
. compute bludresp=-5
end if
end if

comment Value labels bludresp
value labels bludresp -10 'Proxy'
-9 'DNA' -8 'NA'
-7 'N/r to nurse' -6 'N/r to interview'
-5 'Inadequate blood' -4 'Not poss to take blood'
-3 'Sample refused' -2 'Not attempted'
1 'All analyzed' 2 'No Hb' 3 'No Fe'
4 'Chol only' 5 'Fe + Hb' 6 'Fe only'
7 'Hb only'
```

59 RESPGRP

comment grouping of bludresp into summary
recode bludresp (-2=-2)(-3=-3)(-4=-4)
(-5,1 thru 5=1)(-7=-7)(-10,-6=-10) into respgrp
value labels respgrp -2 'ineligible' -3 'sample refused'
-4 'attempted not obtained' -7 'nresp nurse'
-10 'proxy int nr' 1 'sample obtained'/

60 CONSUMED; CONSUME1

```
RECODE CONSUM1 (-8,4 = 4)(ELSE = COPY)/

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE CONSUMED = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) NE 9
+ DO IF VAL(DNAPREG) EQ -7
+ COMPUTE CONSUMED = -7
+ ELSE IF VAL(BPREF) EQ 1
+ COMPUTE CONSUMED = -9
+ ELSE IF VAL(SECSYS) EQ -8
+ COMPUTE CONSUMED = -8
+ ELSE IF VAL(THIRDSYS) EQ -8
+ COMPUTE CONSUMED = -8
+ ELSE IF VAL(SECDIA) EQ -8
+ COMPUTE CONSUMED = -8
+ ELSE IF VAL(THIRDDIA) EQ -8
+ COMPUTE CONSUMED = -8
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) GT 2 AND VAL(CONSUM1) EQ
4
+ COMPUTE CONSUMED = 8
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) GT 2 AND VAL(CONSUM1) EQ
3
+ COMPUTE CONSUMED = 3
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 2 AND VAL(CONSUM2) EQ
3
+ COMPUTE CONSUMED = 6
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 2 AND VAL(CONSUM2) EQ
```

```

-9
+ COMPUTE CONSUMED = 2
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 1 AND VAL(CONSUM2) NE
2
  AND VAL(CONSUM2) EQ 3
+ COMPUTE CONSUMED = 5
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 1 AND VAL(CONSUM2) NE
2
  AND VAL(CONSUM2) EQ -9
+ COMPUTE CONSUMED = 1
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 1 AND VAL(CONSUM2) EQ
2
  AND VAL(CONSUM3) EQ 3
+ COMPUTE CONSUMED = 7
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ 1 AND VAL(CONSUM2) EQ
2
  AND VAL(CONSUM3) EQ -9
+ COMPUTE CONSUMED = 4
+ ELSE IF VAL(BPREF) EQ 2 AND VAL(CONSUM1) EQ -8
+ COMPUTE CONSUMED = -8
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) EQ 9
COMPUTE CONSUMED = -9
END IF
VARIABLE LABELS CONSUMED "WHETHER ATE,DRANK OR SMOKED BEFORE
BP TAKEN"
VALUE LABELS CONSUMED 1'Ate'2'Smoked'3'Drank'4'Ate & smoked'
5'Ate & drank'6'Smoked & drank'7'Ate,smoke,drank'
8'None'-8'NA'-9'Ref;Preg'-7'NA nurse'

RECODE CONSUMED (1 THRU 7 = 1)(8 = 2)(ELSE=COPY) INTO CONSUME1/
VARIABLE LABELS CONSUME1 "WHETHER ATE,DRANK OR SMOKED BEFORE
BP TAKEN (GRPD)"
VALUE LABELS CONSUME1 1'Ate/drank/smoke'2'None'-8'NA'-9'Ref;Preg;Med'
-7'NA nurse'

```

61 BPREAD

```

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE BPREAD = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) NE 9
+ DO IF VAL(DNAPREG) EQ -7
+ COMPUTE BPREAD = -7
+ ELSE IF VAL(BPREF) EQ 1

```

```

+ COMPUTE BPREAD = -9
+ ELSE IF VAL(CONSUME1) EQ 1
+ COMPUTE BPREAD = -9
+ ELSE IF VAL(SECSYS) EQ -8
+ COMPUTE BPREAD = -8
+ ELSE IF VAL(THIRDSYS) EQ -8
+ COMPUTE BPREAD = -8
+ ELSE IF VAL(SECDIA) EQ -8
+ COMPUTE BPREAD = -8
+ ELSE IF VAL(THIRDDIA) EQ -8
+ COMPUTE BPREAD = -8
+ ELSE IF VAL(BPREF) EQ 2
+ COMPUTE BPREAD = 1
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) EQ 9
COMPUTE BPREAD = -9
END IF
VARIABLE LABELS BPREAD "VALID BLOOD PRESSURE MEASUREMENT"
VALUE LABELS BPREAD -9'Preg:ref:ate etc'-8'NA;insuf data'1'BP measured'
-7'NA nurse'

```

62 SYSTOLIC

```

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE SYSTOLIC = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) NE 1
+ DO IF VAL(BPREAD) EQ -7
+ COMPUTE SYSTOLIC = -7
+ ELSE IF VAL(BPREAD) EQ -8
+ COMPUTE SYSTOLIC = -8
+ ELSE IF VAL(BPREAD) EQ -9
+ COMPUTE SYSTOLIC = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) EQ 1
COMPUTE SYSTOLIC = (SECSYS + THIRDSYS)/2
END IF
VARIABLE LABELS SYSTOLIC "MEAN SYSTOLIC BLOOD PRESSURE"
VALUE LABELS SYSTOLIC -9'Preg:ref:ate etc'-8'NA'-7'NA nurse'

```

63 DIASTOL

```

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE DIASTOL = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) NE 1
+ DO IF VAL(BPREAD) EQ -7
+ COMPUTE DIASTOL = -7
+ ELSE IF VAL(BPREAD) EQ -8
+ COMPUTE DIASTOL = -8
+ ELSE IF VAL(BPREAD) EQ -9
+ COMPUTE DIASTOL = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) EQ 1
COMPUTE DIASTOL = (SECDIA + THIRDDIA)/2
END IF
VARIABLE LABELS DIASTOL "MEAN DIASTOLIC BLOOD PRESSURE"
VALUE LABELS DIASTOL -9'Preg:ref:ate etc'-8'NA'-7'NA nurse'

```

64 BPMED

```

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE BPMED = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) NE 9
+ DO IF VAL(DNAPREG) EQ -7
+ COMPUTE BPMED = -7
+ ELSE IF VAL(BPREF) = 1
+ COMPUTE BPMED = -9
+ ELSE IF VAL(MEDCINEJ) EQ -8
+ COMPUTE BPMED = -8
+ ELSE IF VAL(MEDCINEJ) EQ 2
+ COMPUTE BPMED = 2
+ ELSE IF ANY(MED1,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED2,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED3,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED4,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED5,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED6,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1

```

```

+ ELSE IF ANY(MED7,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED8,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED9,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED10,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED11,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED12,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED13,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED14,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED15,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED16,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED17,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF ANY(MED18,1,2,3,4,5,6,7)
+ COMPUTE BPMED = 1
+ ELSE IF VAL(MEDCINEJ) EQ 1
+ COMPUTE BPMED = 2
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(DNAPREG) EQ 9
COMPUTE BPMED = -9
END IF
VARIABLE LABELS BPMED "WHETHER TAKING MEDICINE FOR BLOOD
PRESSURE"
VALUE LABELS BPMED 1'Taking medicine'2'Not taking med'-9'Preg:ref:ate etc'
-7'NA to nurse'-8'NA medicine'

```

```

*****
65  BPRESP

```

```

DO IF VAL(SCHEDTYP) EQ 2
+ DO IF VAL(DNAPREG) EQ 9
+ COMPUTE BPRESP = 4
+ ELSE IF VAL(BPREF) EQ -7
+ COMPUTE BPRESP = 6
+ ELSE IF VAL(BPREF) EQ 1
+ COMPUTE BPRESP = 5
+ ELSE IF VAL(CONSUME1) EQ 1
+ COMPUTE BPRESP EQ 3

```

```

+ ELSE IF VAL(BPREAD) EQ -8
+ COMPUTE BPRESP = 2
+ ELSE IF VAL(CONSUME1) EQ 2 AND VAL(BPREAD) EQ 1
+ COMPUTE BPRESP = 1
+ END IF
ELSE IF VAL(SCHEDTYP) NE 2
COMPUTE BPRESP = -9
END IF
VARIABLE LABEL BPRESP "RESPONSE TO BLOOD PRESSURE MEASUREMENT"
VALUE LABELS BPRESP 1'BP measured'2'Insuff data'3'Ate:drank:smoked'4'Pregnant'
5'Refused'6'Ref:NA nurse'-9'NR: Nurse'

```

66 BPLEVEL

```

DO IF VAL(SCHEDTYP) NE 2
+ DO IF VAL(SCHEDTYP) NE 2
+ COMPUTE BPLEVEL = -9
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) NE 1
+ DO IF VAL(BPREAD) EQ -9
+ COMPUTE BPLEVEL = -9
+ ELSE IF VAL(BPREAD) EQ -8
+ COMPUTE BPLEVEL = -8
+ ELSE IF VAL(BPREAD) EQ -7
+ COMPUTE BPLEVEL = -7
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) EQ 1 AND VAL(BPMED) EQ
1
+ DO IF VAL(SYSTOLIC) GE 160
+ COMPUTE BPLEVEL = 2
+ ELSE IF VAL(SYSTOLIC) LT 160 AND VAL(DIASTOL) LT 95
+ COMPUTE BPLEVEL = 1
+ ELSE IF VAL(SYSTOLIC) LT 160 AND VAL(DIASTOL) GE 95
+ COMPUTE BPLEVEL = 2
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPREAD) EQ 1 AND VAL(BPMED) EQ
2
+ DO IF VAL(SYSTOLIC) GE 160
+ COMPUTE BPLEVEL = 3
+ ELSE IF VAL(SYSTOLIC) LT 160 AND VAL(DIASTOL) GE 95
+ COMPUTE BPLEVEL = 3
+ ELSE IF VAL(DIASTOL) LT 160 AND VAL(DIASTOL) LT 95
+ COMPUTE BPLEVEL = 4
+ END IF
ELSE IF VAL(SCHEDTYP) EQ 2 AND VAL(BPMED) EQ -8

```

```

COMPUTE BPLEVEL = -8
END IF
VARIABLE LABELS BPLEVEL "WHETHER BP SUCCESSFULLY CONTROLLED BY
TREATMENT"
VALUE LABELS BPLEVEL 1'Treat:BP cont'2'Treat:BP uncont'3'Untreat:high BP'
4'Untreat:norm BP'-9'Preg:ref:ate etc'-8'NA:insuff data'
-7'NA nurse'

```

```

*****
67  DIABP

```

```

RECODE DIASTOL (-9 = -9)(-8 = -8)(-7 = -7)(LO THRU 84.5 = 1)(85.0 THRU 94.5
= 2)
(95.0 THRU 104.5 = 3)(105.0 THRU HI = 4) INTO DIABP/
VARIABLE LABELS DIABP "MEAN DIASTOLIC BLOOD PRESSURE (GRPD)"
VALUE LABELS DIABP 1'LT 85'2'85-94'3'95-104'4'GE 105'-9'Preg:ref:ate etc'-8'NA'
-7'NA nurse'

```

```

*****
68  DIABP1

```

```

RECODE DIASTOL (-9 = -9)(-8 = -8)(-7 = -7)(LO THRU 79.5 = 1)(80.0 THRU 84.5
= 2)
(85.0 THRU 89.5 = 3)(90.0 THRU 94.5 = 4)(95.0 THRU 99.5 = 5)
(100.0 THRU 104.5 = 6)(105.0 THRU 109.5 = 7)
(110.0 THRU 114.5 = 8)(115.0 THRU 119.5 = 9)(120.0 THRU HI = 10)
INTO DIABP1/
VARIABLE LABELS DIABP1 "MEAN DIASTOLIC BLOOD PRESSURE (GRPD)"
VALUE LABELS DIABP1 -9'Preg:ref:ate etc'-8'NA'-7'NA nurse'1'LT 80'2'80-84'
3'85-89'4'90-94'5'95-99'6'100-104'7'105-109'8'110-114'
9'115-119'10'GE 120'

```

```

*****
69  SYSBP

```

```

RECODE SYSTOLIC (-9 = -9)(-8 = -8)(-7 = -7)(LO THRU 139.5 = 1)
(140.0 THRU 159.5 = 2)(160.0 THRU 179.5 = 3)

```

(180.0 THRU HI = 4) INTO SYSBP/
VARIABLE LABELS SYSBP "MEAN SYSTOLIC BLOOD PRESSURE (GRPD)"
VALUE LABELS SYSBP -9'Preg:ref:ate etc'-8'NA'-7'NA nurse'1'LT 140'2'140-159'
3'160-179'4'GE 180'

70 SYSBP1

RECODE SYSTOLIC (-9 = -9)(-8 = -8)(-7 = -7)(LO THRU 119.5 = 1)
(120.0 THRU 129.5 = 2)(130.0 THRU 139.5 = 3)
(140.0 THRU 149.5 = 4)(150.0 THRU 159.5 = 5)
(160.0 THRU 169.5 = 6)(170.0 THRU 179.5 = 7)
(180.0 THRU 189.5 = 8)(190.0 THRU 199.5 = 9)
(200.0 THRU HI = 10) INTO SYSBP1/
VARIABLE LABELS SYSBP1 "MEAN SYSTOLIC BLOOD PRESSURE (GRPD)"
VALUE LABELS SYSBP1 -9'Preg:ref:ate etc'-8'NA'-7'NA nurse'1'LT 120'2'120-129'
3'130-139'4'140-149'5'150-159'6'160-169'7'170-179'
8'180-189'9'190-199'10'GE 200'

71 COMPM1;COMPM2;COMPM3;COMPM4;COMPM5;COMPM6

RECODE ILLSM1 (41,99 = -8)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = 17) INTO COMPM1/
RECODE ILLSM2 (41,99 = -9)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = -9) INTO COMPM2/
RECODE ILLSM3 (41,99 = -9)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = -9) INTO COMPM3/
RECODE ILLSM4 (41,99 = -9)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = -9) INTO COMPM4/
RECODE ILLSM5 (41,99 = -9)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = -9) INTO COMPM5/
RECODE ILLSM6 (41,99 = -9)(1 = 1)(2,3 = 2)(4,5 = 3)(6 THRU 8 = 4)(9,10 = 5)
(11 THRU 14 = 6)(15 THRU 21 = 7)(22 THRU 25 = 8)(26 THRU 29 = 9)
(30 THRU 33 = 10)(39 = 11)(34 THRU 36 = 12)(37 = 13)(38 = 14)
(40 = 15)(42 = -7)(-9 = -9) INTO COMPM6/

VARIABLE LABELS COMPM1 "TYPE OF LONGSTANDING ILLNESS"/
 COMPM2 "TYPE OF LONGSTANDING ILLNESS"/
 COMPM3 "TYPE OF LONGSTANDING ILLNESS"/
 COMPM4 "TYPE OF LONGSTANDING ILLNESS"/
 COMPM5 "TYPE OF LONGSTANDING ILLNESS"/
 COMPM6 "TYPE OF LONGSTANDING ILLNESS"/

VALUE LABELS COMPM1 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

VALUE LABELS COMPM2 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

VALUE LABELS COMPM3 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

VALUE LABELS COMPM4 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

VALUE LABELS COMPM5 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

VALUE LABELS COMPM6 -9'DNA'-8'NA'-7'No longer pres'1'II Neoplasm + Ben'
 2'III Endcr + Metab'3'V Mental disorder'4'VI Nervous system'5'VI Eye'
 6'VI ear'7'VII Circul syst'8'VIII Resp sys'9'IX Digestive sys'
 10'X Genitourinary'11'XII skin'12'XIII Musculoskel'13'Infectious dis'
 14'Blood disorders'15'Other complaints'17'No longst illness'

72 SPAN

* compute the average span measurement excluding invalid measurements and
 * paired measurements that were greater than 3cms
 do if (spanresp = 1)
 . compute diffspan = (abs(span1 - span2))
 . compute diff3cm = 0
 . if (diffspan le 3) diff3cm = 1

```

. if (diffspan gt 3) diff3cm = 2
. compute useable = 0
. if (spandiff ne 1 and diff3cm = 1) useable = 1
. if (spandiff = 1 or diff3cm = 2) useable = 2
. if (useable ne 2) span = (mean(span1,span2))
. if (useable = 2) span = -9
else if (span1 = -10)
. compute span = -10
else if (span1 = -7)
. compute span = -7
else if (span1 = -6)
. compute span = -6
else
. compute span = -9
end if
if (spanresp = 3 or spanresp = 4 or spanresp = -8) span = -9
variable labels span 'mean demi-span'

```

73 MINDEX; DEMIQUET

- * compute mindex and demiquet excluding invalid measurements of height and
- * demispan and paired measurements of demispan that were greater than 3cms

```

recode span (0 thru hi = 1) (else = 0) into tempsp

```

```

compute mindex = 0
compute demiquet = 0
do if (wtdiff = 0 and tempsp = 1)
. compute mindex = (weight / (span/100))
. compute demiquet = (weight / ((span/100)*(span/100)))
else if (span = -10)
. compute mindex = -10
. compute demiquet = -10
else if (span = -7)
. compute mindex = -7
. compute demiquet = -7
else if (span = -6)
. compute mindex = -6
. compute demiquet = -6
else if (wtdiff ne 0 or tempsp = 0)
. compute mindex = -9
. compute demiquet = -9
end if

```

recode mindex demiquet (0=-9)

74

WAISTAV;HIPAV;WHIPRAT;WHDIF3;WHRATM1;WHRATM2;WHRATF1;WHRATF2

DO IF VAL(WAIST1) GT 0 AND VAL(WAIST2) GT 0
COMPUTE WAISTAV = MEAN(WAIST1,WAIST2)
ELSE
COMPUTE WAISTAV = -8
END IF

DO IF VAL(HIP1) GT 0 AND VAL(HIP2) GT 0
COMPUTE HIPAV = MEAN(HIP1,HIP2)
ELSE
COMPUTE HIPAV = -8
END IF

DO IF VAL(HIPAV) EQ -8 OR VAL(WAISTAV) EQ -8
COMPUTE WHIPRAT = -8
ELSE
COMPUTE WHIPRAT = WAISTAV / HIPAV
END IF

VARIABLE LABELS WAISTAV "Average of 2 waist meas"
HIPAV "Average of 2 hip meas"
WHIPRAT "Waist to Hip Ratio (continuous)"

DO IF VAL(WAISTAV) EQ -8
COMPUTE WAISTDF = -9
ELSE
COMPUTE WAISTDF = WAIST1 - WAIST2
END IF

DO IF VAL(HIPAV) EQ -8
COMPUTE HIPDF = -9
ELSE
COMPUTE HIPDF = HIP1 - HIP2
END IF

RECODE WAISTDF HIPDF (-9=-9)(-3 THRU 3=0)(LO THRU -3=1)

(3 THRU HI=1) INTO WAISTDFG HIPDFG

```
DO IF VAL(WAISTDFG) EQ -9 OR VAL(HIPDFG) EQ -9
COMPUTE WHDIF3=-9
ELSE IF VAL(WAISTDFG) EQ 1 OR VAL(HIPDFG) EQ 1
COMPUTE WHDIF3=1
ELSE
COMPUTE WHDIF3=0
END IF
VARIABLE LABELS WHDIF3 "Difference between repeat measurements"
VALUE LABELS WHDIF3 -9 "Meas missing" 0 "Diff 3 or less" 1 "Diff >3 cm"
```

```
DO IF SEX EQ 1
+ DO IF VAL(WHDIF3) NE 0
+ COMPUTE WHRATM1=-8
+ ELSE IF VAL(WHDIF3) EQ 0
+ RECODE WHIPRAT (LO THRU 0.813=1)(0.813 THRU 0.844=2)
  (0.844 THRU 0.864=3)(0.864 THRU 0.887=4)(0.887 THRU 0.905=5)
  (0.905 THRU 0.920=6)(0.920 THRU 0.937=7)(0.937 THRU 0.958=8)
  (0.958 THRU 0.986=9)(0.986 THRU HI=10) INTO WHRATM1
+ END IF
ELSE IF SEX EQ 2
COMPUTE WHRATM1=-9
END IF
```

```
DO IF SEX EQ 2
+ DO IF VAL(WHDIF3) NE 0
+ COMPUTE WHRATF1=-8
+ ELSE IF VAL(WHDIF3) EQ 0
+ RECODE WHIPRAT (LO THRU 0.717=1)(0.717 THRU 0.739=2)
  (0.739 THRU 0.757=3)(0.757 THRU 0.772=4)(0.772 THRU 0.787=5)
  (0.787 THRU 0.802=6)(0.802 THRU 0.823=7)(0.823 THRU 0.847=8)
  (0.847 THRU 0.879=9)(0.879 THRU HI=10) INTO WHRATF1
+ END IF
ELSE IF SEX EQ 1
COMPUTE WHRATF1=-9
END IF
```

```
R E C O D E W H R A T M 1 W H R A T F 1
(1,2=1)(3,4=2)(5,6=3)(7,8=4)(9,10=5)(ELSE=COPY)
  INTO WHRATM2 WHRATF2
```

```
VARIABLE LABELS WHRATM1 "Waist-Hip Ratio decile distrib for men"
  WHRATF1 "Waist-Hip Ratio decile distrib for women"
  WHRATM2 "Waist-Hip Ratio quintile distrib for men"
  WHRATF2 "Waist-Hip Ratio quintile distrib for women"
```

```

VALUE LABELS WHRATM1 1 "0.717-0.813" 2 "> 0.813-0.844"
3 "> 0.844-0.864" 4 "> 0.864-0.887" 5 "> 0.887-0.905"
6 "> 0.905-0.920" 7 "> 0.920-0.937" 8 "> 0.937-0.958"
9 "> 0.958-0.986" 10 "> 0.986-1.193"/
WHRATF1 1 "0.615-0.717" 2 "> 0.717-0.739"
3 "> 0.739-0.757" 4 "> 0.757-0.772" 5 "> 0.772-0.787"
6 "> 0.787-0.802" 7 "> 0.802-0.823" 8 "> 0.823-0.847"
9 "> 0.847-0.879" 10 "> 0.879-1.015"/
WHRATM2 1 "0.717-0.844" 2 "> 0.844-0.887"
3 "> 0.887-0.920" 4 "> 0.920-0.958" 5 "> 0.958-1.193"/
WHRATF2 1 "0.615-0.739" 2 "> 0.739-0.772"
3 "> 0.772-0.802" 4 "> 0.802-0.847" 5 "> 0.847-1.015"

```

DESCRIPTIVES VARIABLES = WAISTAV HIPAV WHIPRAT

```

*****
75 TOPQUAL4

```

```

RECODE TOPQUAL2 (1 THRU 3 = 1)(4 THRU 6 = 2)(7 = 3)(8 = -9)(-8 = -8)
      (else = copy) INTO TOPQUAL4/
VARIABLE LABELS TOPQUAL4 "HIGHEST EDUCATIONAL QUALIFICATION"
VALUE LABELS TOPQUAL4 1'A lev + higher'2'Other'3'None'-8'NA'-9'FT student'

```

```

*****
76 DRUNK1; DRINKER

```

```

DO IF VAL(TYPEDRK) EQ -9
+ DO IF VAL(TYPEDRK) EQ -9
+ COMPUTE DRUNK1 = -9
+ END IF
+ ELSE IF VAL(INTDRINK) EQ 4
+ DO IF VAL(DTIMES) EQ 1
+ COMPUTE DRUNK1 = 1
+ ELSE IF VAL(DTIMES) EQ 2
+ COMPUTE DRUNK1 = 2
+ ELSE IF RANGE(VAL(DTIMES),3,41)
+ COMPUTE DRUNK1 = 3
+ ELSE IF VAL(DTIMES) EQ -8
+ COMPUTE DRUNK1 = -8
+ ELSE IF VAL(DRUNK) EQ 2
+ COMPUTE DRUNK1 = 4
+ ELSE IF VAL(DRUNK) EQ -8
+ COMPUTE DRUNK1 = -8

```

```

+ END IF
+ ELSE IF VAL(INTDRINK) NE 4
+ DO IF VAL(INTDRINK) EQ 2
+ COMPUTE DRUNK1 = 5
+ ELSE IF VAL(INTDRINK) EQ 3
+ COMPUTE DRUNK1 = 5
+ ELSE IF VAL(INTDRINK) EQ 5
+ COMPUTE DRUNK1 = -8
+ ELSE IF VAL(INTDRINK) EQ 1
+ COMPUTE DRUNK1 = -9
+ ELSE IF VAL(INTDRINK) EQ -10
+ COMPUTE DRUNK1 = -6
+ ELSE IF VAL(INTDRINK) EQ -6
+ COMPUTE DRUNK1 = -6
+ END IF
  END IF

```

```

VARIABLE LABELS DRUNK1 "WHETHER BEEN DRUNK IN LAST 3 MONTHS"
VALUE LABELS DRUNK1 1'Drunk-1'2'Drunk-2'3'Drunk-3 + '4'Not drunk'5'Dont drink'
                 -8'NA'-9'16-17 yr olds'-6'No rec 8'

```

```

RECODE AC1 (2 THRU 7 = 1)(9 THRU 14 = 1)(1,8 = 2)(-8 = -8)(-10,-6 = -6)
        INTO DRINKER/
VALUE LABELS DRINKER 1'DRINKER'2'NON-DRINKER'-8'NA'-6'No rec 8'

```

77 STOPPED

```

DO IF VAL(DRINKER) EQ 2
+ DO IF VAL(ALWAYSTT) EQ 1
+ COMPUTE STOPPED = 1
+ ELSE IF VAL(ALWAYSTT) EQ 2 AND (WHYTT) EQ 1
+ COMPUTE STOPPED = 2
+ ELSE IF VAL(ALWAYSTT) EQ 2 AND (WHYTT) EQ 2
+ COMPUTE STOPPED = 3
+ ELSE IF VAL(ALWAYSTT) EQ 2 AND (WHYTT) EQ -8
+ COMPUTE STOPPED = -8
+ ELSE IF VAL(ALWAYSTT) EQ -9
+ COMPUTE STOPPED = -9
+ ELSE IF VAL(ALWAYSTT) EQ -8
+ COMPUTE STOPPED = -8
+ END IF
ELSE IF VAL(DRINKER) NE 2
+ DO IF VAL(DRINKER) EQ 1

```

```

+ COMPUTE STOPPED = -9
+ ELSE IF VAL(DRINKER) EQ -6
+ COMPUTE STOPPED = -6
+ ELSE IF VAL(DRINKER) EQ -8
+ COMPUTE STOPPED = -8
+ END IF

```

```

END IF

```

```

VARIABLE LABELS STOPPED "WHETHER ALWAYS BEEN TEA-TOTALLER"
VALUE LABELS STOPPED 1'Always non-drker'2'Stopped-health'3'Stopped-other'
                    -8'NA'-9'Drinker'-6'No rec 8'

```

```

*****

```

```

78 ECSTAT; ECSTA4

```

```

DO IF VAL(ECSTA3) EQ 1
+ DO IF VAL(THIRTYHR) EQ 1
+ COMPUTE ECSTAT = 1
+ ELSE IF VAL(THIRTYHR) EQ 2
+ COMPUTE ECSTAT = 2
+ ELSE IF VAL(THIRTYHR) EQ -8
+ COMPUTE ECSTAT = 3
+ END IF
ELSE IF VAL(ECSTA3) EQ 5 AND VAL(IFNOJOB) EQ 4
+ DO IF VAL(IFNOJOB) EQ 4
+ COMPUTE ECSTAT = 8
+ END IF
ELSE IF VAL(ECSTA3) EQ 5 AND VAL(IFNOJOB) EQ 5
+ DO IF VAL(IFNOJOB) EQ 5
+ COMPUTE ECSTAT = 7
+ END IF
ELSE IF VAL(ECSTA3) EQ 5
+ DO IF VAL(ECSTA3) EQ 5
+ COMPUTE ECSTAT = 9
+ END IF
ELSE IF VAL(ECSTA3) EQ 2
+ DO IF VAL(ECSTA3) EQ 2
+ COMPUTE ECSTAT = 4
+ END IF
ELSE IF VAL(ECSTA3) EQ 3
+ DO IF VAL(ECSTA3) EQ 3
+ COMPUTE ECSTAT = 5
+ END IF
ELSE IF VAL(ECSTA3) EQ 4
+ DO IF VAL(ECSTA3) EQ 4
+ COMPUTE ECSTAT = 6
+ END IF

```

```

ELSE IF VAL(ECSTA3) EQ -10
+ DO IF VAL(ECSTA3) EQ -10
+ COMPUTE ECSTAT = -10
+ END IF
ELSE IF VAL(ECSTA3) EQ -6
COMPUTE ECSTAT = -6
END IF
VARIABLE LABELS ECSTAT "EXTENDED ECONOMIC ACTIVITY STATUS"
VALUE LABELS ECSTAT 1'Working:FT'2'Working:PT'3'Working:NA'4'Unemployed'
                    5'Retired'6'Keeping house'7'Perm unable work'8'FT student'
                    9'Other inactive'

```

```

RECODE ECSTAT (5 THRU 9 = 5)(ELSE=COPY) INTO ECSTA4/
VARIABLE LABELS ECSTA4 "ECONOMIC ACTIVITY STATUS"
VALUE LABELS ECSTA4 1'Work:FT'2'Work:PT'3'Work:NA'4'Unemployed
                    '5'Econ inactive'

```

```

*****
79  SCHEDTYP1

```

```

RECODE SCHEDTYP (2,3 = 1)(0,1 = 0) INTO SCHDTYP1/
VARIABLE LABELS SCHDTYP1 "WHETHER FULL INTERVIEW"
VALUE LABELS SCHDTYP1 1'Full interview'2'Not full'

```

```

*****
80  DRINKOFT1

```

```

RECODE DRINKOFT ( 1 THRU 6 = 1)(7,8 = 2)(-9 = -9)(-8 = -8)(-10,-6 = -10)
      INTO DRKOFT1/
VARIABLE LABELS DRKOFT1 "WHETHER ASKED PROBLEM DRINKING
QUESTIONS"
VALUE LABELS DRKOFT1 1'Asked'2'Not asked'-9'DNA'-8'NA'-10'Proxy:NR'

```

```

*****
81
TYPEDRK;CAGE1;CAGE2;CAGE3;CAGE4;CAGE5;CAGE6;CAGETOT;CAGESCR

```

```

DO IF VAL(SCHDTYP1) EQ 1
+ DO IF VAL(AC1) EQ 1
+ COMPUTE TYPEDRK = -9

```



```

+ ELSE IF VAL(AC1) EQ 8
+ COMPUTE TYPEDRK = -9
+ ELSE IF RANGE(VAL(AC1),2,4)
+ COMPUTE TYPEDRK = 1
+ ELSE IF RANGE(VAL(AC1),9,11)
+ COMPUTE TYPEDRK = 1
+ ELSE IF VAL(AC1) EQ 5
+ COMPUTE TYPEDRK = 2
+ ELSE IF VAL(AC1) EQ 12
+ COMPUTE TYPEDRK = 2
+ ELSE IF RANGE(VAL(AC1),6,7)
+ COMPUTE TYPEDRK = 3
+ ELSE IF RANGE(VAL(AC1),13,14)
+ COMPUTE TYPEDRK = 3
+ ELSE IF VAL(AC1) EQ -8
+ COMPUTE TYPEDRK = -8
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 0
COMPUTE TYPEDRK = -10
END IF
VARIABLE LABELS TYPEDRK "TYPE OF DRINKER"
VALUE LABELS TYPEDRK -10'Proxy:NR' -8'NA' -9'Non-drinker' 1'Light' 2'Moderate'
3'Heavy'

```

```

DO IF VAL(SCHDTYP1) EQ 0
+ DO IF VAL(SCHDTYP1) EQ 0
+ COMPUTE DRUNK1 = -10
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 1 AND VAL(DRKOFT1) NE 1
+ DO IF VAL(DRKOFT1) NE 1
+ COMPUTE DRUNK1 = -9
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 1 AND VAL(DRKOFT1) EQ 1 AND VAL(INTDRINK)
NE 5
AND VAL(TYPEDRK) NE -9 AND VAL(DRUNK) EQ 1
+ DO IF VAL(DTIMES) EQ 1
+ COMPUTE DRUNK1 = 1
+ ELSE IF VAL(DTIMES) EQ 2
+ COMPUTE DRUNK1 = 2
+ ELSE IF RANGE(VAL(DTIMES),3,41)
+ COMPUTE DRUNK1 = 3
+ ELSE IF VAL(DTIMES) EQ -8
+ COMPUTE DRUNK1 = -8
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 1 AND VAL(DRKOFT1) EQ 1 & VAL(INTDRINK) NE
5
AND VAL(TYPEDRK) NE -9 AND VAL(DRUNK) NE 1
+ DO IF VAL(DRUNK) EQ 2

```

```

+ COMPUTE DRUNK1 = 4
+ ELSE IF VAL(DRUNK) EQ -8
+ COMPUTE DRUNK1 = -8
+ END IF
ELSE IF VAL(SCHDTYP1) EQ 1
+ DO IF VAL(SCHDTYP1) EQ 1
+ COMPUTE DRUNK1 = -9
+ END IF
END IF
VARIABLE LABELS DRUNK1 "WHETHER BEEN DRUNK IN LAST 3 MONTHS"
VALUE LABELS DRUNK1 1'Drunk-1'2'Drunk-2'3'Drunk-3+'4'Not drunk'-9'DNA'
-8'NA'-10'Proxy:NR'

```

```

RECODE DCUT (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE1/
RECODE DGUILT (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE2/
RECODE DCRITIC (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE3/
RECODE DSHAKES (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE4/
RECODE DNERVES (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE5/
RECODE DUNABLE (1 = 1)(2 = 0)(-8 = -8)(-10,-6 = -6)(-9 = -9) INTO CAGE6/

```

```

DO IF VAL(CAGE1) EQ -6
+ DO IF VAL(CAGE1) EQ -6
+ COMPUTE CAGETOT = -6
+ END IF
ELSE IF VAL(TYPEDRK) EQ -9
+ DO IF VAL(TYPEDRK) EQ -9
+ COMPUTE CAGETOT = -9
+ END IF
ELSE IF VAL(CAGE1) EQ -9
+ DO IF VAL(CAGE1) EQ -9
+ COMPUTE CAGETOT = -9
+ END IF
ELSE IF VAL(DRKOFT1) NE 1
+ DO IF VAL(DRKOFT1) NE 1
+ COMPUTE CAGETOT = -9
+ END IF
ELSE IF VAL(CAGE1) NE -6
COUNT CAGENV = CAGE1 TO CAGE6 (-8)
COMPUTE CAGETOT = SUM(CAGE1 TO CAGE6)
MISSING VALUES CAGETOT (-1)
IF (CAGENV GT 0)CAGETOT = -1
END IF
RECODE CAGETOT (0,1 = 1)(2 THRU 6 = 2)(-1 = -1)(-6 = -6)(-9 = -9) INTO
CAGESCR/
VARIABLE LABEL CAGESCR "CAGE SCORE - WHETHER PROBLEM DRINKER"
VALUE LABELS CAGESCR 1'Not problem'2'Problem drinker'-1'NA'-6'No rec 8'-9'DNA'

```

82 CUTDOWN

DO IF VAL(SCHDTYP1) EQ 1 AND VAL(AGE) GE 18 AND VAL(NONDRK) EQ 2

+ DO IF VAL(DRAMOUNT)EQ 3 AND VAL(DRINKCUT) EQ 1

+ COMPUTE CUTDOWN = 1

+ ELSE IF VAL(DRAMOUNT) EQ 3 AND VAL(DRINKCUT) EQ 2

+ COMPUTE CUTDOWN = 2

+ ELSE IF VAL(DRAMOUNT) EQ 1

+ COMPUTE CUTDOWN = 3

+ ELSE IF VAL(DRAMOUNT) EQ 2

+ COMPUTE CUTDOWN = 3

+ ELSE IF VAL(DRAMOUNT) EQ -8

+ COMPUTE CUTDOWN = -8

+ ELSE IF VAL(DRINKCUT) EQ -8

+ COMPUTE CUTDOWN = -8

+ END IF

ELSE IF VAL(SCHDTYP1) EQ 1 AND VAL(AGE) GE 18 AND VAL(NONDRK) NE 2

+ DO IF VAL(NONDRK) EQ 1

+ COMPUTE CUTDOWN = -9

+ ELSE IF VAL(NONDRK) EQ -8

+ COMPUTE CUTDOWN = -8

+ END IF

ELSE IF VAL(SCHDTYP1) EQ 1

+ DO IF VAL(AGE) LT 18

+ COMPUTE CUTDOWN = -10

+ END IF

ELSE IF VAL(SCHDTYP1) EQ 0

COMPUTE CUTDOWN = -10

END IF

VARIABLE LABELS CUTDOWN "WHETHER CUT DOWN DRINKING DUE TO
HEALTH"

VALUE LABELS CUTDOWN 1'Cutdown-Health'2'cutdown-not hlth'3'Not cut down'
-9'Non-drinker'-8'NA'-10'Proxy:NR:LT18'

**HEALTH SURVEY
FOR
ENGLAND: 1991**

**Derived Variables created in SIR database
(by Survey Branch)**

DERIVED VARIABLES	BOX NUMBER
AC1	42
ACTLEVEL	21
CIGADAYPR	33
CIGSADAY	29
CIGSMKNG	30
CIGSMKPR	34
DKVIG20S	25
DRATING	41
DRKMOSTQ	35
GHQ12SCR	43
HOMEACTY	18
NUMOCC	26
NUMOCCSP	22
PSSSCR	44
QBEER	37
QSHANDY	36
QSHERRY	39
QSPIRITS	38
QUALACTY	27
QWINE	40
SCHEDTYP	1
SEGE	5
SEGEHH	13
SEGEPR	11
SEGEST	4
SEGPRHH	15
SMOKESTA	31
SOCLASE	8
SOCLASPR	12
SOCLASST	7

SOCLHH	14
SOCPRHH	16
SPRTACTY	20
TOTCIGPR	32
TOTCIGY	28
VIGOCCSP	23
VIG20SP	24
WALKACTY	17
WORKACTY	19
XSIZE	2
XSIZEE	9
XSTATUS	3
XSTATUSE	10

1 SCHEDTYP

Variable name: SCHEDTYP
Variable label: Schedule type
Storage type: integer
Range: 0 to 3
Missing Values:
Value labels: (1) Proxy interview
 (2) Full interview and nurse schedule
 (3) Full interview and no nurse schedule
Author: Gerry Nicolaas
Date: 11.12.91

Specification:

Derive this variable during structure check; ie. dependent upon which records are present.

Initially set to 0

If (schedule E is present) then SCHEDTYP=1

else if (schedule B and schedule J are present) then SCHEDTYP=2

else if (schedule B is present and schedule J is not) then SCHEDTYP=3

Notes:

The data from schedules B (individual schedule), E (proxy schedule) and J (nurse schedule) should be included on the individual save file.

If SCHEDTYP=1 (ie proxy), all the variables on schedule B and schedule J should be coded -6.

If SCHEDTYP=2 (ie full interview and nurse data), all the variables on schedule E should be coded -5.

If SCHEDTYP=3 (ie full interview and no nurse data), all the variables on schedule E should be coded -5 and all the variables on schedule J should be coded -7.

Value labels: (-5) No proxy interview
 (-6) Proxy interview
 (-7) No nurse visit

2 XSIZE

Variable name: XSIZE
 Variable label: Number of employees
 Storage type: integer
 Range: 0 to 5
 Missing Values: -9, -6
 Value labels: (-9) DNA, never worked
 (-6) Proxy interview
 (1) Empe, 1-24 emps
 (2) Empe, 25-499 emps
 (3) Empe, 500+ emps
 (4) Selfemp, with emps
 (5) Selfemp, no emps

Author: Gerry Nicolaas
 Date: 11.12.91

Specification:
 Initially set to 0

```

If (SCHEDTYP=1) then XSIZE=-6

Else if (EMPLOYEE=1) and (NEMPLEE=1 or NEMPLEE=-8) then XSIZE=1
Else if (EMPLOYEE=1) and (NEMPLEE=2) then XSIZE=2
Else if (EMPLOYEE=1) and (NEMPLEE=3) then XSIZE=3

Else if (EMPLOYEE=2) and (SNEMPLEE=1 or SNEMPLEE=2) then XSIZE=4
Else if (EMPLOYEE=2) and (SNEMPLEE=3 or SNEMPLEE=-8) then XSIZE=5

Else if (EVERPAID=2) then XSIZE=-9
  
```

Notes:

This variable is used in editing the data. To reduce the number of occasions when census matrix would not work because the size of the establishment was not given, an assumption has been made that any no answer at NEMPLEE is less than 25 employees, and at SNEMPLEE is no employees. This is comparable with what has occurred in previous years on the GHS survey.

This derived variable is only used temporarily in order to derive SEG and social class. Once these variables have been derived XSIZE can be deleted from the file.

3 XSTATUS

Variable name: XSTATUS
 Variable label: Employment status
 Storage type: integer
 Range: 0 to 5
 Missing Values: -9, -6
 Value labels: (-9) DNA, never worked
 (-6) Proxy interview
 (1) Empe, employee
 (2) Empe, manager
 (3) Empe, foreman/sv
 (4) Selfemp, with emp
 (5) Selfemp, no empe

Author: Gerry Nicolaas
 Date: 11.12.91

Specification:
 Initially set to 0

```

If (SCHEDTYP=1)                                then XSTATUS=-6

Else if (EMPLOYEE=1) and (EMPSTAT=3)           then XSTATUS=1
Else if (EMPLOYEE=1) and (EMPSTAT=1)           then XSTATUS=2
Else if (EMPLOYEE=1) and (EMPSTAT=2)           then XSTATUS=3

Else if (EMPLOYEE=2) and (SNEMPLEE=1,2)        then XSTATUS=4
Else if (EMPLOYEE=2) and (SNEMPLEE=3,-8)      then XSTATUS=5

Else if (EVERPAID=2)                            then XSTATUS=-9
  
```

Notes:

This derived variable is based on the same derived variable used on the GHS survey.

This derived variable is only used temporarily in order to derive SEG and social class. Once these variables have been derived XSTATUS can be deleted from the file.

4 SEGEST

Variable name: SEGEST

Variable label: SEG

Storage type: integer

Range: 0 to 20

Missing Values: -9, -8, -6, -1

Value labels: (-9) DNA, never worked
(-8) NA, inadeq descr
(-6) Proxy interview
(-1) Matrix blank
(20) FT student (never work)
(1) Employers:large
(2) Managers:large
(3) Employers:small
(4) Managers:small
(5) Prof:selfemp
(6) Prof:employee
(7) Int non-man anc
(8) Int non-m foremn
(9) Junior non-man
(10) Personal service
(11) Manual:foremn/sv
(12) Skilled manual
(13) Semi-skilled man
(14) Unskilled man
(15) Own acc non-prof
(16) Farmers:emp&mrgs
(17) Farmers:own acc
(18) Agric workers
(19) Armed forces

Specification:

Initially set to 0

If SCHEDTYP=1 then SEGEST=-6

else if (IFNOJOB=4) and EVERPAID=2 then SEGEST=20

else if (EVERPAID=2) then SEGEST=-9

else if (OCC=000) then SEGEST=-8

else if (XSTATUS=1-5) and (OCC GT 000) and (XSIZE=1-5) then SEGEST=SEG*

* Value transferred from the census matrix records with the same status, occ code and size. The matrix records give real values (allow for 1 decimal place) that need to be recoded into the values given above (see table 1).

NB If SEG=blank then SEGEST=-1

Notes:

Students who were working in the previous week are coded according to that job. Students who have never had a job and are waiting to take up a job they had already obtained, are coded according to the job they are waiting to take up. Students who have had a job in the past are coded according to the most recent job. All other students (ie students who have never worked and are not waiting to take up a job they have already obtained) are coded as being a full time student.

The variable SEGEST is based on the same derived variable used on the GHS survey.

Table 1 Recoding of matrix values

<u>Matrix value</u>	<u>New value¹</u>	<u>Label</u>
1.1	1	Employers:large
1.2	2	Managers:large
2.1	3	Employers:small
2.2	4	Managers:small
3	5	Prof:selfemp
4	6	Prof:employee
5.1	7	Int non-man anc
5.2	8	Int non-m foremn
6	9	Junior non-man
7	10	Personal service
8	11	Manual:foremn/sv
9	12	Skilled manual
10	13	Semi-skilled man
11	14	Unskilled man
12	15	Own acc non-prof
13	16	Farmers:emp&mgrs
14	17	Farmers:own acc
15	18	Agric workers
16	19	Armed forces
17	-8	NA, Inadeq descr

5 SEGE

Variable name: SEGE
Variable label: SEG (FT stud=sep cat)
Storage type: integer
Range: 0 to 20
Missing Values: -9, -8, -6, -1
Value labels: (-9) DNA, never worked
(-8) NA, inadeq descr

¹ The variables SEGE, SEGEST and SEGEPR are assigned these new values.

245

- (-6) Proxy interview
- (-1) Matrix blank
- (20) FT student
- (1) Employers:large
- (2) Managers:large
- (3) Employers:small
- (4) Managers:small
- (5) Prof:selfemp
- (6) Prof:employee
- (7) Int non-man anc
- (8) Int non-m foremn
- (9) Junior non-man
- (10) Personal service
- (11) Manual:foremn/sv
- (12) Skilled manual
- (13) Semi-skilled man
- (14) Unskilled man
- (15) Own acc non-prof
- (16) Farmers:emp&mgrs
- (17) Farmers:own acc
- (18) Agric workers
- (19) Armed forces

Specification:

Initially set to 0

If (IFNOJOB=4) or (SCHOOL=1) then SEGE=20

else (SEGE=SEGEST)

Notes:

All full time students are given code 20, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

This derived variable is based on the same derived variable used on the GHS survey.

7 SOCLASST

Variable name: SOCLASST

Variable label: Social class

Storage type: integer

Range: 0 to 9

Missing Values: -9, -8, -6, -1

Value labels: (-9) DNA, never worked
 (-8) NA, inadeq descr
 (-6) Proxy interview
 (-1) Matrix blank
 (1) I

- (2) II
- (3) IIIN
- (4) IIIM
- (5) IV
- (6) V
- (7) Armed forces
- (8) Not fully descr
- (9) FT student (never work)

Specification:

Initially set to 0

If SCHEDTYP=1 then SOCLASST=-6

else if (IFNOJOB=4) and (EVERPAID=2) then SOCLASST=9

else if (EVERPAID=2) then SOCLASST=-9

else if (OCC=000) then SOCLASST=-8

else if [(XSTATUS=1-5) and (OCC GT 000) and (XSIZE=1-5)]
SOCLASST=SOCCCLASS#

Value transferred from the census matrix records with the same status, occ code and size. The matrix records give real values (allow for 1 decimal place) that need to be recoded into the values given above (see table 1).

NB If (SOCCCLASS=blank) then SOCLASST=-1
If (SOCCCLASS=armed forces) then SOCLASST=7
If (SOCCCLASS=17) then SOCLASST=8

Notes:

Students who were working in the previous week are coded according to that job. Students who have never had a job and are waiting to take up a job they had already obtained, are coded according to the job they are waiting to take up. Students who have had a job in the past are coded according to the most recent job. All other students (ie students who have never worked and are not waiting to take up a job they have already obtained) are coded as being a full time student.

The variable SOCLASST is based on the same derived variable used on the GHS survey.

8 SOCLASE

Variable name: SOCLASE
 Variable label: Soc class (FT stud=sep cat)
 Storage type: integer
 Range: 0 to 9
 Missing Values: -9, -8, -6, -1
 Value labels: (-9) DNA, never worked
 (-8) NA, inadeq descr
 (-6) Proxy interview
 (-1) Matrix blank
 (1) I
 (2) II
 (3) IIIN
 (4) IIIM
 (5) IV
 (6) V
 (7) Armed forces
 (8) Not fully descr
 (9) FT student

Specification:

Initially set to 0
 If (IFNOJOB=4) or (SCHOOL=1) then SOCLASE=9
 else (SOCLASE=SOCLASST)

Notes:

All full time students are given code 9, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

This derived variable is based on the same derived variable used on the GHS survey.

9 XSIZEE

Variable name: XSIZEE
 Variable label: Number of employees (proxy)
 Storage type: integer
 Range: 0 to 5
 Missing Values: -9, -5
 Value labels: (-9) DNA, never worked
 (-5) No proxy
 (1) Empe, 1-24 emps
 (2) Empe, 25-499 emps
 (3) Empe, 500+ emps
 (4) Selfemp, with emps
 (5) Selfemp, no emps

Author: Gerry Nicolaas
Date: 11.12.91

Specification:

Initially set to 0

If (SCHEDTYP=2 or SCHEDTYP=3) then XSIZEE=-5

Else if (EMPLYEEE=1) and (NEMPLEEE=1 or NEMPLEEE=-8) then XSIZEE=1
Else if (EMPLYEEE=1) and (NEMPLEEE=2) then XSIZEE=2
Else if (EMPLYEEE=1) and (NEMPLEEE=3) then XSIZEE=3

Else if (EMPLYEEE=2) and (SNMPLEEE=1 or SNMPLEEE=2) then XSIZEE=4
Else if (EMPLYEEE=2) and (SNMPLEEE=3 or SNMPLEEE=-8) then XSIZEE=5

Else if (EVRPAIDE=2) then XSIZEE=-9

Notes:

This variable is used in editing the data. To reduce the number of occasions when census matrix would not work because the size of the establishment was not given, an assumption has been made that any no answer at NEMPLEEE is less than 25 employees, and at SNMPLEEE is no employees. This is comparable with what has occurred in previous years on the GHS survey.

This derived variable is only used temporarily in order to derive SEG and social class. Once these variables have been derived XSIZEE can be deleted from the file.

10 XSTATUS

Variable name: XSTATUS
Variable label: Employment status (proxy)
Storage type: integer
Range: 0 to 5
Missing Values: -9, -5
Value labels: (-9) DNA, never worked
 (-5) No proxy
 (1) Empe, employee
 (2) Empe, manager
 (3) Empe, foreman/sv
 (4) Selfemp, with emp
 (5) Selfemp, no empe

Author: Gerry Nicolaas
Date: 11.12.91

Specification:

Initially set to 0

If (SCHEDTYP=2 or SCHEDTYP=3) then XSTATUS=-5

```

Else if (EMPLYEEE=1) and (EMPSTATE=3)      then XSTATUSE=1
Else if (EMPLYEEE=1) and (EMPSTATE=1)      then XSTATUSE=2
Else if (EMPLYEEE=1) and (EMPSTATE=2)      then XSTATUSE=3

Else if (EMPLYEEE=2) and (SNMPLEEE=1,2)    then XSTATUSE=4
Else if (EMPLYEEE=2) and (SNMPLEEE=3 or SNMPLEEE=-8) then XSTATUSE=5

Else if (EVRPAIDE=2) then XSTATUSE=-9

```

Notes:

This derived variable is based on the same derived variable used on the GHS survey.

This derived variable is only used temporarily in order to derive SEG and social class. Once these variables have been derived XSTATUSE can be deleted from the file.

11 SEGEPR

Variable name: SEGEPR
Variable label: SEG (Inf=proxy, FT stud=sep cat)
Storage type: integer
Range: 0 to 20
Missing Values: -9, -8, -5, -1
Value labels: (-9) DNA, never worked
(-8) NA, inadeq descr
(-5) No proxy
(-1) Matrix blank
(20) FT student
(1) Employers:large
(2) Managers:large
(3) Employers:small
(4) Managers:small
(5) Prof:selfemp
(6) Prof:employee
(7) Int non-man anc
(8) Int non-m foremn
(9) Junior non-man
(10) Personal service
(11) Manual:foremn/sv
(12) Skilled manual
(13) Semi-skilled man
(14) Unskilled man
(15) Own acc non-prof
(16) Farmers:emp&mgrs
(17) Farmers:own acc
(18) Agric workers
(19) Armed forces

Specification:

Initially set to 0

If (SCHEDTYP=2 or SCHEDTYP=3) then SEGEPR=-5
 else if (IFNOJOB=4) or (SCHOOLE=1) then SEGEPR=20
 else if (EVRPAIDE=2) then SEGEPR=-9
 else if (OCCE=000) then SEGEPR=-8
 else if (XSTATUSE=1-5) and (OCCE GT 000) and (XSIZEE=1-5) then
 SEGEPR=SEG*

* Value transferred from the census matrix records with the same status, occ code and size. The matrix records give real values (allow for 1 decimal place) that need to be recoded into the values given above (see table 1).

NB If SEG=blank then SEGEPR=-1

Notes:

All full time students are given code 20, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

This derived variable is based on the same derived variable used on the GHS survey.

12 SOCLASPR

Variable name: SOCLASPR
 Variable label: Soc class (inf=proxy, FT stud=sep cat)
 Storage type: integer
 Range: 0 to 9
 Missing Values: -9, -8, -5, -1
 Value labels: (-9) DNA, never worked
 (-8) NA, inadeq descr
 (-5) No proxy (incl. nonresp)
 (-1) Matrix blank
 (1) I
 (2) II
 (3) IIIN
 (4) IIIM
 (5) IV
 (6) V
 (7) Armed forces
 (8) Not fully descr
 (9) FT student (never work)

Specification:

Initially set to 0

If (SCHEDTYP=2 or SCHEDTYP=3) then SOCLASPR=-5

```

else if (IFNOJOB=4) or (SCHOOL=1) then SOCLASPR=9
else if (EVRPAIDE=2) then SOCLASPR=-9
else if (OCC=000) then SOCLASPR=-8
else if [(XSTATUSE=1-5) and (OCCE GT 000) and (XSIZEE=1-5)]
SOCLASPR=SOCCCLASS#

```

```

If (soclaspr=0 and schedtyp=0) then SOCLASPR=-5
else if (soclaspr=0) then SOCLASPR=-8

```

Value transferred from the census matrix records with the same status, occ code and size. The matrix records give real values (allow for 1 decimal place) that need to be recoded into the values given above (see table 1).

```

NB If (SOCCCLASS=blank) then SOCLASPR=-1
    If (SOCCCLASS=armed forces) then SOCLASPR=7
    If (SOCCCLASS=17) then SOCLASPR=8

```

Notes:

All full time students are given code 9, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

The variable SOCLASPR is based on the same derived variable used on the GHS survey.

13 SEGEHH

```

Variable name: SEGEHH
Variable label: SEG of HOH (FT stud=sep cat)
Storage type: integer
Range: 0 to 20
Missing Values: -9, -8, -6, -1
Value labels: (-9) DNA, never worked
              (-8) NA, inadeq descr
              (-6) Proxy interview
              (-1) Matrix blank
              (20) FT student
              ( 1) Employers:large
              ( 2) Managers:large
              ( 3) Employers:small
              ( 4) Managers:small
              ( 5) Prof:selfemp
              ( 6) Prof:employee
              ( 7) Int non-man anc
              ( 8) Int non-m foremn
              ( 9) Junior non-man
              (10) Personal service
              (11) Manual:foremn/sv
              (12) Skilled manual

```

- (13) Semi-skilled man
- (14) Unskilled man
- (15) Own acc non-prof
- (16) Farmers:emp&mgrs
- (17) Farmers:own acc
- (18) Agric workers
- (19) Armed forces

Specification:

Initially set to 0

If (SCHEDTYP=1) then SEGEHH=-6

else if (RELTOHOH=00) then SEGEHH=SEGE

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=1)
then SEGEHH=SEGEPR of HOH (NB copy SEGEPR from the HOH's record to the informant's record)

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH ne 1)
then SEGEHH=SEGE of HOH (NB copy SEGE from the HOH's record to the informant's record)

Notes:

All full time students are given code 20, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

14 SOCLHH

Variable name: SOCLHH

Variable label: Soc class of HOH (FT stud=sep cat)

Storage type: integer

Range: 0 to 9

Missing Values: -9, -8, -6, -1

- Value labels:
- (-9) DNA, never worked
 - (-8) NA, inadeq descr
 - (-6) Proxy and non-resp
 - (-1) Matrix blank
 - (1) I
 - (2) II
 - (3) IIIN
 - (4) IIIM
 - (5) IV
 - (6) V
 - (7) Armed forces
 - (8) Not fully descr
 - (9) FT student

Specification:

Initially set to 0

If (SCHEDTYP=1) then SOCLHH=-6

```

else if (RELTOHOH=00) then SOCLHH=SOCLASE
else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=1)
then SOCLHH=SOCLASPR of HOH (NB copy SOCLASPR from the HOH's record to the informant's record)
else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=2,3)
then SOCLHH=SOCLASE of HOH (NB copy SOCLASE from the HOH's record to the informant's record)

```

```

-If (SOCLHH=0 and SCHEDTYP=0) then SOCLHH=-6
else if (SOCLHH=0) then SOCLHH=-8

```

-- Notes:

All full time students are given code 9, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

15 **SEGPRHH**

Variable name: **SEGPRHH**
Variable label: SEG of HOH (inf=proxy, FT stud=sep cat)
Storage type: integer
Range: 0 to 20
Missing Values: -9, -8, -5, -1
Value labels: (-9) DNA, never worked
(-8) NA, inadeq descr
(-5) No proxy interview
(-1) Matrix blank
(20) FT student
(1) Employers:large
(2) Managers:large
(3) Employers:small
(4) Managers:small
(5) Prof:selfemp
(6) Prof:employee
(7) Int non-man anc
(8) Int non-m foremn
(9) Junior non-man
(10) Personal service
(11) Manual:foremn/sv
(12) Skilled manual
(13) Semi-skilled man
(14) Unskilled man
(15) Own acc non-prof
(16) Farmers:emp&mgrs
(17) Farmers:own acc
(18) Agric workers
(19) Armed forces

Specification:

Initially set to 0

If (SCHEDTYP=2,3) then SEGPRHH=-5

else if (RELTOHOH=00) then SEGPRHH=SEGEPR

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH ne 1)
then SEGPRHH=SEGE of HOH (NB copy SEGE from the HOH's record to the informant's record)

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=1)
then SEGPRHH=SEGEPR of HOH (NB copy SEGEPR from the HOH's record to the informant's record)

Notes:

The informant's data was obtained by proxy interview.
All full time students are given code 20, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

16 SOCPRHH

Variable name: SOCPRHH

Variable label: HOH soc class (inf=proxy, FT stud=sep cat)

Storage type: integer

Range: 0 to 9

Missing Values: -9, -8, -5, -1

Value labels: (-9) DNA, never worked
(-8) NA, inadeq descr
(-5) No proxy interview
(-1) Matrix blank
(1) I
(2) II
(3) IIIN
(4) IIIM
(5) IV
(6) V
(7) Armed forces
(8) Not fully descr
(9) FT student

Specification:

Initially set to 0

If (SCHEDTYP=2,3) then SOCPRHH=-5

else if (RELTOHOH=00) then SOCPRHH=SOCLASPR

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=1)
then SOCPRHH=SOCLASPR of HOH (NB copy SOCLASPR from the HOH's record to the informant's record)

else if (RELTOHOH ne 00) and (SCHEDTYP of HOH=2,3)

then SOCPRHH=SOCLASE of HOH (NB copy SOCLASE from the HOH's record to the informant's record)

Notes: The informant's data was obtained by proxy interview.
All full time students are given code 9, including those who are working, have ever worked or are waiting to take up a job they had already obtained.

17 WALKACTY

Variable Name: WALKACTY
Variable Label: Walking activity
Range: 1 to 3
Missing values: -8,-6, (-7)
Storage type: integer
Author: E Breeze
Date: 5.12.91

Specification:

If no record 8 WALKACTY = -6
If MILEWALK = -8 or WALKPACE = -8 then WALKACTY = -8
Else if MILEWALK = 2 WALKACTY = 1
Else if MILEWALK = 1
 If WALKPACE = 1 or 2 WALKACTY = 2
 Else if WALKPACE = 3 or 4 WALKACTY = 3
Else = -7 (dump code, should not be any)

18 HOMEACTY

Variable Name: HOMEACTY
Variable Label: Housework/gardening activity
Range: 1 to 3
Missing values: -8,-6,(-7)
Storage type: integer
Author: E Breeze
Date: 5.12.91

Specification:

If no record 8 HOMEACTY = -6
If HOUSEWRK = -8 and GARDEN = -8 HOMEACTY = -8
Else if [HEVYHWRK = 1 or MANWORK = 1] HOMEACTY = 3
Else if GARDEN = 1 HOMEACTY = 2
Else if [HOUSEWORK = 2 or HEVYHWRK = 2 or -8]
 and [GARDEN = 2] HOMEACTY = 1
Else if HOUSWORK = -8 or GARDEN = -8 HOMEACTY = -8
Else = -7 (dump code, should not be any)

Note. NA to MANWORK, HEVYHWRK treated as 'not heavy' rather than make whole variable na.

19 WORKACTY

Variable Name: WORKACTY
Variable Label: Job activity
Range: 1 to 4
Missing values: -8,-6,(-7)
Storage type: integer
Author: E Breeze
Date: 5.12.91

Specification:

If no record 8	WORKACTY = -6
If WORK = -8 or ACTIVE = -8	WORKACTY = -8
If (WORK = 2) or (ACTIVE = 3 or 4)	WORKACTY = 1
Else if ACTIVE = 2 and OCC is one of (611,533-536,834,501-505,509, 922-924,929-931,597,898,933)	WORKACTY = 3
Else if ACTIVE = 2	WORKACTY = 2
Else if ACTIVE = 1 and OCC is one of (904,903,830,832,530,597,898,929)	WORKACTY = 4
Else if ACTIVE = 1	WORKACTY = 3
Else = -7 (Dump code, should not be any)	

Note

People with specified occupation codes are upgraded. However, professional sports people are not included in this group (OCC = 387) - not sure how these people were treated on Health and Fitness Survey.

20 SPRTACTY

Variable Name: SPRTACTY
Variable Label: Sport activity
Range: 1 to 4
Missing values: -8,-6,(-7)
Storage type: integer
Author: E Breeze
Date: 5.12.91

Specification:

If no record 8	SPRTACTY = -6
Else if ACTANY = -8	SPRTACTY = -8

Initially set

SPRTACTY = 1

priority coding

```

Then if [CYCLE = 01 and CYCLEEFF = 1]
      or [AERO = 03 and AEROEFF = 1]
      or [WTRAIN = 05 and WEIGHEFF = 1]
      or [SWIM = 06 and SWIMEFF = 1]
      or RUN = 07
      or [FOOTBALL = 08 and FTBLLEFF = 1]
      or [TENNIS = 09 and TENNEFF = 1]
      or SQUASH = 10
      or ACTA = 3
      or ACTB = 3
      or ACTC = 3
      or ACTD = 3
      or ACTE = 3

```

recode SPRTACTY = 4

```

Else if CYCLE = 01
      or [EXACT = 02 and EXEFF = 1]
      or AERO = 03
      or [DANCE = 04 and DANCEEFF = 1]
      or WTRAIN = 05
      or SWIM = 06
      or FOOTBALL = 08
      or TENNIS = 09
      or ACTA = 2
      or ACTB = 2
      or ACTC = 2
      or ACTD = 2

```

recode SPRTACTY = 3

```

Else if EXACT = 02
      or DANCE = 04
      or ACTA = 1
      or ACTB = 1
      or ACTC = 1
      or ACTD = 1

```

recode SPRTACTY = 2

Note: NAs to Effort are assigned to the same code as No to Effort.
 Don't know whether this was done on Health & Fitness.
 Code 1 = inactive, Code 2 = light, Code 3 = moderate, Code 4 = vigorous

21 ACTLEVEL

Variable Name: **ACTLEVEL**
 Variable Label: Summary of activity level
 Range: 1 to 4
 Missing values: -8,-6,-7
 Storage type: integer
 Author: E Breeze
 Date: 5.12.91

Specification:

If no record 8 ACTLEVEL = -6
Else if WORKACTY = 4 or SPRTACTY = 4 ACTLEVEL = 4
Else if any of (WALKACTY, HOMEACTY,
WORKACTY, SPRTACTY) = 3 ACTLEVEL = 3
Else if any of (WALKACTY, HOMEACTY,
WORKACTY, SPRTACTY) = 2 ACTLEVEL = 2
Else if any of (WALKACTY, HOMEACTY,
WORKACTY, SPRTACTY) = 1 ACTLEVEL = 1
Else ACTLEVEL = -8

Note: only code as -8 if all four variables are coded -8, otherwise use what information is there and code to highest level of activity found.

Code 1 = inactive
Code 2 = active at a light level
Code 3 = active at a moderate level
Code 4 = active at a vigorous level

22 NUMOCCSP

Variable Name: NUMOCCSP
Variable Label: No. known mod/vig sports occasions in 4 wks
Range: 1 to 99
Missing values: -8,-6
Storage type: integer
Author: E Breeze
Date: 12.12.91

Specification:

If no record 8 NUMOCCSP = -6
If SPRTACTY = -8 then NUMOCCSP = -8
Else if SPRTACTY in range 1-2 NUMOCCSP = 0
Else if SPRTACTY = 3,4
Initially set NUMOCCSP = 0
Then if [CYCLE=01 and CYCLEOCC GE 01] add val(CYCLEOCC)
then if [EXACT=02 and EXEFF=01 and EXOCC GE 01] add val(EXOCC)
then if [AERO=03 and AEROOCC GE 01] add val(AEROOCC)
then if [DANCE=04 and DANCEFF=1 and DANCEOCC GE 01] add val(DANCEOCC)
then if [WTRAIN=05 and WEIGHOCC GE 01] add val(WEIGHOCC)

```

then if [SWIM=06 and SWIMOCC GE 01] add val(SWIMOCC)
then if [RUN = 07 and RUNOCC GE 01] add val(RUNOCC)
then if [FOOTBALL = 08 and FTBLLOCC GE 01] add val(FTBLLOCC)
then if [TENNIS = 09 and TENNOCC GE 01] add val(TENNOCC)
then if [SQUASH = 10 and SQUASOCC GE 01] add val(SQUASOCC)
then if [ACTA = 2,3 and ACTAOCC GE 01] add val(ACTAOCC)
then if [ACTB = 2,3 and ACTBOCC GE 01] add val(ACTBOCC)
then if [ACTC = 2,3 and ACTCOCC GE 01] add val(ACTCOCC)
then if [ACTD = 2,3 and ACTDOCC GE 01] add val(ACTDOCC)
then if [ACTE = 2,3 and ACTEOCC GE 01] add val(ACTEOCC)

```

Note: this gives the number of known occasions of moderate or vigorous sports activity. It includes estimates for people who gave partial information on the sports question, ie for some sports there was na to number of occasions or whether effort = yes. Effectively I am treating NA to Effort as No and NA to number of occasions as zero.

23 VIGOCCSP

Variable Name: VIGOCCSP
Variable Label: No. known vigorous sports occasions in 4 wks
Range: 1 to 99
Missing values: -8,-6,
Storage type: integer
Author: E Breeze
Date: 12.12.91

Specification:

```

If no record 8          VIGOCCSP = -6

If SPRTACTY = -8       then VIGOCCSP = -8

Else if SPRTACTY in range 1-3 VIGOCCSP = 0

Else if SPRTACTY = 4
  Initially set VIGOCCSP = 0

Then if [CYCLE=01 and CYCLEEFF=1 and CYCLEOCC GE 01] add val(CYCLEOCC)
then if [AERO=03 and AEROEFF=1 and AEROOCC GE 01] add val(AEROOCC)
then if [WTRAIN=05 and WEIGHEFF=1 and WEIGHOCC GE 01] add val(WEIGHOCC)

```



```

then if [AERO=03 and AEROEFF=1 and (AEROMIN GE 20 or AEROHR GE 01) and
AEROOCC GE 01] add val(AEROCC)

then if [WTRAIN=05 and WEIGHEFF=1 and (WEIGHMIN GE 20 or WEIGHHR GE 01)
and WEIGHOCC GE 01] add val(WEIGHOCC)

then if [SWIM=06 and SWIMEFF=1 and (SWIMMIN GE 20 or SWIMHR GE 01) and
SWIMOCC GE 01] add val(SWIMOCC)

then if [RUN=07 and (RUNMIN GE 20 or RUNHR GE 01) and RUNOCC GE 01]
add val(RUNOCC)

then if [FOOTBALL=08 and FTBLLEFF=1 and (FTBLLMIN GE 20 or FTBLLHR GE
01) and FTBLLOCC GE 01] add val(FTBLLOCC)

then if [TENNIS=09 and TENNEFF=1 and (TENNMIN GE 20 or TENNHR GE 01)
and TENNOCC GE 01] add val(TENNOCC)

then if [SQUASH=10 and (SQUASMIN GE 20 or SQUASHR GE 01) and SQUASOCC
GE 01] add val(SQUASOCC)

then if [ACTA=3 and (ACTAMIN GE 20 or ACTAHR GE 01) and ACTAOCC GE 01]
add val(ACTAOCC)

then if [ACTB=3 and (ACTBMIN GE 20 or ACTBHR GE 01) and ACTBOCC GE 01]
add val(ACTBOCC)

then if [ACTC=3 and (ACTCMIN GE 20 or ACTCHR GE 01) and ACTCOCC GE 01]
add val(ACTCOCC)

then if [ACTD=3 and (ACTDMIN GE 20 or ACTDHR GE 01) and ACTDOCC GE 01]
add val(ACTDOCC)

then if [ACTE=3 and (ACTEMIN GE 20 or ACTEHR GE 01) and ACTEOCC GE 01]
add val(ACTEOCC)

```

Note: this gives the number of known occasions of vigorous activity which lasted at least 20 mins. It includes estimates for people who gave partial information on the sports question, ie cases where for some sports there was na to length of occasion or number of occasions or whether effort = yes. The assumption is that people will tend to remember the vigorous occasions and nas are more likely to be those who did less vigorous exercise; on the other hand it may be those who have had many occasions who could not remember the number and said don't know. I don't know exactly how the Health and Fitness Survey specified the variable but Alison Walker thought that they had used partial answers.

25 DKVIG20S

Variable Name: DKVIG20S

Variable Label: No. vig sports with occ 20+min but dk no.

Range: 1 to 13

Missing values: -8,-6,-9

Storage type: integer

Author: E Breeze

Date: 12.12.91

Specification:

If no record 8 DKVIG20S = -6

Else if SPRTACTY = -8 or in range 1-3 DKVIG20S = -9

Else if SPRTACTY = 4
Initially set DKVIG20S = 0

Then if [CYCLE=01 and CYCLEEFF=1 and (CYCLEMIN GE 20 or CYCLEHR GE 01)
and CYCLEOCC = -8] add 1

then if [AERO=03 and AEROEFF=1 and (AEROMIN GE 20 or AEROHR GE 01) and
AEROOCC = -8] add 1

then if [WTRAIN=05 and WEIGHEFF = 1 and (WEIGHMIN GE 20 or WEIGHHR GE
01) and WEIGHOCC = -8] add 1

then if [SWIM=06 and SWIMEFF=1 and (SWIMMIN GE 20 or SWIMHR GE 01) and
SWIMOCC = -8] add 1

then if [RUN=07 and (RUNMIN GE 20 or RUNHR GE 01) and RUNOCC=-8] add 1

then if [FOOTBALL=08 and FTBLLEFF=1 and (FTBLLMIN GE 20 or FTBLLHR GE
01) and FTBLLOCC = -8] add 1

then if [TENNIS=09 and TENNEFF=1 and (TENNMIN GE 20 or TENNHR GE 01)
and TENNOCC = -8] add 1

then if [SQUASH=10 and (SQUASMIN GE 20 or SQUASHR GE 01) and SQUASOCC
=-8] add 1

then if [ACTA=3 and (ACTAMIN GE 20 or ACTAHR GE 01) and ACTAOCC = -8]
add 1

then if [ACTB=3 and (ACTBMIN GE 20 or ACTBHR GE 01) and ACTBOCC = -8]
add 1

then if [ACTC=3 and (ACTCMIN GE 20 or ACTCHR GE 01) and ACTCOCC = -8]
add 1

then if [ACTD=3 and (ACTDMIN GE 20 or ACTDHR GE 01) and ACTDOCC = -8]
add 1

then if [ACTE=3 and (ACTEMIN GE 20 or ACTEHR GE 01) and ACTEOCC =-8]
add 1

Note This gives no. of sports in which informant did vigorous exercise for at least 20 mins but did not specify no. of occasions. It gives one the option of adding an estimated no. of occasions for these sports to no. known occasions recorded in VIG20SP, eg could assume had one occasion or two occasions.

26 NUMOCC

Variable Name: NUMOCC
Variable Label: No. times known mod/vig activity in 4 wks
Range: 1 to 99
Missing values: -8,-6,(-7)
Storage type: integer
Author: E Breeze
Date: 12.12.91

Specification:

If no record 8 NUMOCC = -6
Else if ACTLEVEL = -8 NUMOCC = -8
Else initially set NUMOCC = 0
If WALKACTY = 3 and MILENUM GE 01 add val(MILENUM)
then if HOMEACTY = 3 and HEAVYDAY GE 01 add val(HEAVYDAY)
then if HOMEACTY = 3 and MANDAYS GE 01 add val(MANDAYS)
then if SPRTACTY = 3,4 and NUMOCCSP GE 01 add val(NUMOCCSP)

Note This gives number of known occasions of moderate or vigorous activity. It includes partial answers, ie people who had na to how vigorous the exercise was or to number of occasions for some types of activity and not others. Vigorous activity as part of one's job is ignored. This differs from the Health and Fitness survey variable. (Suggest that when running tables, researcher look at no. cases with WORKACTY = 3,4 and decide whether to add in; could assume has 5 days per week)

27 QUALACTY

Variable Name: QUALACTY
Variable Label: No. times known mod/vigactivity in 4 wks
(grouped)
Range: 1 to 6
Missing values: -8,-6,(-7)
Storage type: integer
Author: E Breeze
Date: 12.12.91

Specification:

If no record 8 QUALACTY = -6
Else if NUMOCC = -8 QUALACTY = -8
Else if NUMOCC = 0 QUALACTY = 1
Else if VIGOCCSP GE 12 QUALACTY = 6
Else if VIGOCCSP GE 01 and NUMOCC GE 12 QUALACTY = 5
Else if NUMOCC GE 12 QUALACTY = 4
Else if NUMOCC in range 5-11 QUALACTY = 3
Else if NUMOCC in range 1-4 QUALACTY = 2
Else = -7 (dump code, should not be any)

Note This ignores moderate and vigorous activity as part of one's job .
If the number of vigorous sports occasions is unknown it is treated the same as zero for the purposes of this variable.

Code 1 = no activity of a moderate or vigorous level
Code 2 = Moderate or vigorous activity 1-4 times during the 4 weeks
Code 3 = Moderate or vigorous activity 5-11 times during the 4 weeks
Code 4 = Moderate activity 12 or more times during the 4 weeks Code 5 = Moderate or vigorous activity 12 or more times during the 4 weeks, at least one vigorous
Code 6 = Vigorous activity 12 or more times during the 4 weeks

28 TOTCIGY

Variable Name: TOTCIGY
Variable Label: No. of cigarettes smoked in a week
Range: 0 to 999
Missing values: -9,-8,-6 (-7)
Storage type: integer
Author: E Breeze
Date: 29.11.91

Specification:

If no record 8 then TOTCIGY = -6 (non-respondent)
If DLYSMOKE = -8 or if WKNDSMOK = -8
then TOTCIGY = -8 (missing)
Else if DLYSMOKE = -9 or WKNDSMOK = -9
then TOTCIGY = -9 (not cig-smoker)
Else if (DLYSMOKE in range 0-98 and WKNDSMOK in range 0-98)
then TOTCIGY = [(DLYSMOKE*5) + (WKNDSMOK*2)]
Else TOTCIGY = -7 (dump code, should not be any)

Note for researcher:

-9 should be equivalent to (SMOKEVER = 2) + (SMOKEVER = -8) + (SMOKENOW = 2)
If SMOKENOW = -8 TOTCIGY = -8 (on GHS would be -9)
Variable modelled on GHS one of same name

29 CIGSADAY

Variable Name: CIGSADAY
Variable Label: Mean no. of cigarettes smoked per day
Range: 0 to 99
Missing values: -9,-8,-6
Storage type: integer
Author: E Breeze
Date: 29.11.91

Specification:

-If TOTCIGY GE 0, CIGSADAY = (TOTCIGY/7) *
Else if TOTCIGY = -6, CIGSADAY = -6
and if TOTCIGY = -9, CIGSADAY = -9
and if TOTCIGY = -8, CIGSADAY = -8

*Truncated, ie everything between 5.00 and 5.99 coded as 5

Note for researcher:

-9 includes NA to SMOKEVER and - 8 includes NA to SMOKENOW (latter differs from GHS)
Variable modelled on GHS one of same name

30 CIGSMKNG

Variable name: CIGSMKNG
Variable label: Category of cigarette smoker
Range: 1-6
Missing values: -8, -6
Storage type: integer
Author: E Breeze
Date: 29.11.91

Value labels:

-6 No rec 8
-8 No answer
1 20+ cigs a day
2 10-19 cigs a day
3 0-9 cigs a day
4 Dk no. cigs a day
5 Ex cig-smoker
6 Nvr smked cigs

Specification: Priority coded

If no record 8	then	CIGSMKNG = -6
Else if CIGSADAY GT 19		CIGSMKNG = 1
Else if CIGSADAY in range 10-19		CIGSMKNG = 2
Else if CIGSADAY in range 0-9		CIGSMKNG = 3
Else if CIGSADAY = -8		CIGSMKNG = 4
Else if SMOKEREG = 1		CIGSMKNG = 5


```

Else if (SMOKEVER =2) or (SMOKECIG =2)
  or (SMOKEREG = 2,3)          CIGSMKNG = 6
Else                            CIGSMKNG = -8

```

Notes: code 6 refers to those who never smoked cigarettes regularly.
-8 includes SMOKEVER = -8, SMOKECIG = -8 SMOKEREG = -8

If SMOKENOW = -8 CIGSMKNG probably coded 4

Modelled on 1990 GHS variable of same name but differs in that GHS asks if ever smoked cigarettes regularly, without defining 'regularly', whereas Health Survey defines 'regularly' as at least one cigarette a day.

31 SMOKESTA

Variable name: SMOKESTA
Variable label: Smoking status
Range: 1 to 7
Missing values: -6, -8, (-7)
Storage type: integer
Author: E Breeze
Date: 29.11.91

Variable labels:

-6	No rec 8, proxy
-8	NA
1	Cigs+pipe, cigar
2	Cigs only
3	Ex-cigs, cigar
4	Ex-cigs, pipe
5	Ex-cigs, no smoke
6	Never cigs, smoke
7	Never cigs, no sm

Specification: Priority coding.

```

If no record 8 then SMOKESTA = -6
Else if SMOKENOW = 1
  if CIGARNOW = 1 or PIPENOW = 1 then SMOKESTA = 1
  else                               SMOKESTA = 2
Else if SMOKEREG = 1
  if CIGARNOW = 1                     SMOKESTA = 3
  else if PIPENOW = 1                 SMOKESTA = 4
  else                               SMOKESTA = 5
Else if [(SMOKECIG =2) or (SMOKEREG =2,3)]
  and [(CIGARNOW=1) or (PIPENOW=1)] SMOKESTA = 6
Else if (SMOKEVER = 2) or (SMOKEREG = 2,3)
  or (SMOKECIG = 2)                   SMOKESTA = 7
Else if SMOKEVER = -8 or SMOKENOW = -8
  or SMOKECIG = -8 or SMOKEREG = -8  SMOKESTA = -8
Else = -7 (dump code, shouldn't be any)

```

Note: Modelled on GHS variable of same name but differs from GHS in that they ask if smoke cigar at least once a month whereas Health Survey just asks if smoke cigars at all nowadays. Also GHS asks if ever smoked cigarettes regularly, without defining 'regularly', whereas Health Survey defines 'regularly' as at least one cigarette a day.

32 TOTCIGPR

Variable Name: TOTCIGPR
Variable Label: No. of cigs smoked in a week; proxies
Range: 0 to 999
Missing values: -9, -8, -6, (-7)
Storage type: integer
Author: E Breeze
Date: 29.11.91

Specification:

If no record 10 then TOTCIGPR = -6 (not proxy)
If DYSMOKEE = 99 or if WKNDMSKE = 99
 then TOTCIGPR = -8 (missing)
Else if DYSMOKEE = -9 or WKNDMSKE = -9
 then TOTCIGPR = -9 (not cig-smoker)
Else if (DYSMOKEE in range 0-98 and WKNDMSKE in range 0-98)
 then TOTCIGPR = [(DYSMOKEE*5) + (WKNDMSKE*2)]
Else TOTCIGPR = -8

Note -9 includes SMOKNOWE = 3, -8

33 CIGADAYPR

Variable Name: CIGADYPR
Variable Label: Mean no. of cigs smoked per day; proxies
Range: 0 to 99
Missing values: -9, -8, -6
Storage type: integer
Author: E Breeze
Date: 29.11.91

Specification:

If TOTCIGPR GE 0, CIGADYPR = (TOTCIGPR/7) *
Else if TOTCIGPR = -6, CIGADYPR = -6
and if TOTCIGPR = -9, CIGADYPR = -9
and if TOTCIGPR = -8, CIGADYPR = -8

*Truncated, ie everything between 5.00 and 5.99 coded as 5

Note -8 includes SMOKNOWE = 2, 3, -8

34 CIGSMKPR

Variable name: CIGSMKPR
Variable label: Category of cigarette smoker
Range: 1-6
Missing values: -8, -6, -9
Storage type: integer
Author: E Breeze
Date: 29.11.91

Value labels:
-6 No rec 10
-8 No answer
-9 Interview
1 20+ cigs a day
2 10-19 cigs a day
3 0-9 cigs a day
4 Dk no. cigs a day
5 Ex cig-smoker
6 Never smoked cigarettes

Specification: Priority coded

If no record 10	CIGSMKPR = -6
Else if CIGADYPR GT 19	CIGSMKPR = 1
Else if CIGADYPR in range 10-19	CIGSMKPR = 2
Else if CIGADYPR in range 0-9	CIGSMKPR = 3
Else if CIGADYPR = -8	CIGSMKPR = 4
Else if SMOKCIGE = 1	CIGSMKPR = 5
Else if SMOKCIGE = 2	CIGSMKPR = 6
Else	CIGSMKPR = -8

Notes:
-8 includes SMOKENOWE = -8 SMOKCIGE = -8
To compare with CIGSMKNG for interviewees

35 DRKMOSTQ

Variable Name: DRKMOSTQ
Variable Label: Amount of drink taken most frequently
Range: 1 to 99
Missing values: -9,-8,-6
Storage type: integer
Author: E Breeze
Date: 4.12.91

Specification:
If no record 8 DRKMOSTQ = -6
Else if DRINKANY = 2 or -8 DRKMOSTQ = -9

269

Else if all of SHANDY to WINE = 8 DRKMOSTQ = -9

Else if all of SHANDY to WINE = -8 DRKMOSTQ = -8

Else if all SHANDY to WINE = 8 or -8 DRKMOSTQ=-8

Else find whichever of SHANDY to WINE has the lowest value in the range 1-8 (ie, highest frequency) and find the matching quantity -

if the quantity is 99 (or in the case of BEER if any of BEERQ1-
BEERQ3 is 99) then DRKMOSTQ = -8

else DRKMOSTQ = the amount (or if the type with the highest
frequency is BEER DRKMOSTQ = sum of BEERQ1 to BEERQ3)

If two types of alcohol have equal highest frequency then the one with
the higher quantity value is used for DRKMOSTQ. If one amount is valid
and the other is 99, take the valid one.

36 QSHANDY

Variable Name: QSHANDY

Variable Label: No. of units shandy drunk in a week

Range: 0 to 999

Missing values: -9,-8,-6

Storage type: real

Author: E Breeze

Date: 4.12.91

Specification:

If no record 8 then QSHANDY = -6

Initially set to zero

If SHANDY = 1 then QSHANDY = SHANDYQ * 7

If SHANDY = 2 then QSHANDY = SHANDYQ * 5.5

If SHANDY = 3 then QSHANDY = SHANDYQ * 3.5

If SHANDY = 4 then QSHANDY = SHANDYQ * 1.5

If SHANDY = 5 then QSHANDY = SHANDYQ * 0.375

If SHANDY = 6 then QSHANDY = SHANDYQ * 0.115

If SHANDY = 7 then QSHANDY = SHANDYQ * 0.029

If SHANDY = 8 then QSHANDY = 0

If SHANDY = -8 or SHANDYQ = 99 then QSHANDY = -8 (NA)

If SHANDY = -9 then QSHANDY = -9

37 QBEER

Variable Name: QBEER

Variable Label: No. of units beer drunk in a week

Range: 0 to 999

Missing values: -9,-8,-6

Storage type: real

Author: E Breeze

Date: 4.12.91

Specification:

If no record 8 then QBEER = -6
Initially set to zero
If BEER = 1 then QBEER = sum(BEERQ1-3) * 7
If BEER = 2 then QBEER = sum(BEERQ1-3) * 5.5
If BEER = 3 then QBEER = sum(BEERQ1-3) * 3.5
If BEER = 4 then QBEER = sum(BEERQ1-3) * 1.5
If BEER = 5 then QBEER = sum(BEERQ1-3) * 0.375
If BEER = 6 then QBEER = sum(BEERQ1-3) * 0.115
If BEER = 7 then QBEER = sum(BEERQ1-3) * 0.029
If BEER = 8 then QBEER = 0
If BEER = -8 or any of BEERQ1-3 = 99 then QBEER = -8 (NA)
If BEER = -9 then QBEER = -9

38 QSPIRITS

Variable Name: QSPIRITS
Variable Label: No. of units spirits drunk in a week
Range: 0 to 999
Missing values: -9,-8,-6
storage type: real
Author: E Breeze
Date: 4.12.91

Specification:

If no record 8 then QSPIRITS = -6
Initially set to zero
If SPIRITS = 1 then QSPIRITS = SPIRITSQ * 7
If SPIRITS = 2 then QSPIRITS = SPIRITSQ * 5.5
If SPIRITS = 3 then QSPIRITS = SPIRITSQ * 3.5
If SPIRITS = 4 then QSPIRITS = SPIRITSQ * 1.5
If SPIRITS = 5 then QSPIRITS = SPIRITSQ * 0.375
If SPIRITS = 6 then QSPIRITS = SPIRITSQ * 0.115
If SPIRITS = 7 then QSPIRITS = SPIRITSQ * 0.029
If SPIRITS = 8 then QSPIRITS = 0
If SPIRITS = -8 or SPIRITSQ = 99 then QSPIRITS = -8 (NA)
If SPIRITS = -9 then QSPIRITS = -9

39 QSHERRY

Variable Name: QSHERRY
Variable Label: No. of units sherry drunk in a week
Range: 0 to 999
Missing values: -9,-8,-6
Storage type: real
Author: E Breeze
Date: 4.12.91

Specification:

If no record 8 then QSHERRY = -6
Initially set to zero
If SHERRY = 1 then QSHERRY = SHERRYQ * 7
If SHERRY = 2 then QSHERRY = SHERRYQ * 5.5
If SHERRY = 3 then QSHERRY = SHERRYQ * 3.5
If SHERRY = 4 then QSHERRY = SHERRYQ * 1.5
If SHERRY = 5 then QSHERRY = SHERRYQ * 0.375
If SHERRY = 6 then QSHERRY = SHERRYQ * 0.115
If SHERRY = 7 then QSHERRY = SHERRYQ * 0.029
If SHERRY = 8 then QSHERRY = 0
If SHERRY = -8 or SHERRYQ = 99 then QSHERRY = -8 (NA)
If SHERRY = -9 then QSHERRY = -9

40 QWINE

Variable Name: QWINE
Variable Label: No. of units wine drunk in a week
Range: 0 to 999
Missing values: -9,-8,-6
Storage type: real
Author: E Breeze
Date: 4.12.91

Specification:

If no record 8 then QWINE = -6
Initially set to zero
If WINE = 1 then QWINE = WINEQ * 7
If WINE = 2 then QWINE = WINEQ * 5.5
If WINE = 3 then QWINE = WINEQ * 3.5
If WINE = 4 then QWINE = WINEQ * 1.5
If WINE = 5 then QWINE = WINEQ * 0.375
If WINE = 6 then QWINE = WINEQ * 0.115
If WINE = 7 then QWINE = WINEQ * 0.029
If WINE = 8 then QWINE = 0
If WINE = -8 or WINEQ = 99 then QWINE = -8 (NA)
If WINE = -9 then QWINE = -9

41 DRATING

Variable Name: DRATING
Variable Label: No. of units drunk in a week
Range: 0 to 999
Missing values: -9,-8,-6
Storage type: real
Author: E Breeze
Date: 4.12.91

Specification:

Initially set to 0
 If no record 8 then DRATING = -6
 Else if all of QSHANDY to QWINE = -9 then DRATING = 0
 Else if all of QSHANDY to QWINE = 0 then DRATING = 0
 Else if all of QSHANDY to QWINE = -8 then DRATING = -8
 Else if DRKMOSTQ = -8 then DRATING = -8
 Else DRATING = Sum of values (QSHANDY, QBEERQ, QSPIRITS, QSHERRY QWINE).

Note DRATING is only made missing either if no amounts given or if the amount for the most frequently consumed type of alcohol is missing. Code zero covers those who never drink, those who have not drunk in the last 12 months and those who were NA to DRINKANY. Comparable with GHS variable of same name

42 AC1

Variable Name: AC1
 Variable Label: Alcohol Consumption rating by sex
 Range: 0 to 14
 Missing values: -9,-8,-6
 Storage type: integer
 Author: E Breeze
 Date: 4.12.91

Value labels

- 1 Men abs/nonlstyr
- 2 Men occasional
- 3 Men 1-10
- 4 Men 11-21
- 5 Men 22-35
- 6 Men 35-50
- 7 Men 51 or more
- 8 Wom abs/nonlstyr
- 9 Wom occasional
- 10 Wom 1-7
- 11 Wom 8-14
- 12 Wom 15-25
- 13 Wom 26-35
- 14 Wom 36 or more

Specification:

If no record 8	AC1 = -6
Else initially set	AC1 = -8
IF SEX = 1 (Male)	
If DRATING = 0 then	AC1 = 1
If DRATING in range	AC1 = 2
less than 0.504	AC1 = 3
0.505 thru 10.004	AC1 = 4
10.005 thru 21.004	AC1 = 5
21.005 thru 35.004	

35.005 thru 50.004 AC1 = 6
 50.005 thru 999 AC1 = 7

Else if SEX = 2 (Female)

If DRATING = 0 then AC1 = 8
 If DRATING in range less than 0.504 AC1 = 9
 0.505 thru 7.004 AC1 = 10
 7.005 thru 14.004 AC1 = 11
 14.005 thru 25.004 AC1 = 12
 25.005 thru 35.004 AC1 = 13
 35.005 thru 999 AC1 = 14

Notes: Codes 1 & 8 apply to abstainers and those who have not had any alcohol during the 12 months prior to interview.
 Comparable with GHS variable of same name (even the strange ranges!)

43 GHQ12SCR

Variable Name: GHQ12SCR
 Variable Label: Score on GHQ 12 questionnaire
 Range: 0 to 12
 Missing values: -8,-6
 Storage type: integer
 Author: E Breeze
 Date: 12.12.91

Specification:

If no record 12 GHQ12SCR = -6
 Else if any of CONCENT to HAPPY = -8 then GHQSCR = -8
 Else initially set GHQSCR = 0
 then add 1 for each occurrence of code 3 or code 4 in the set of variables CONCENT to HAPPY

44 PSSSCR

Variable Name: PSSSCR
 Variable Label: Perceived Social Support Score
 Range: 7 to 21
 Missing values: -8,-6
 Storage type: integer
 Author: E Breeze
 Date: 12.12.91

Specification:

If no record 12 PSSSCR = -6
 Else if any of HAPPY1 to GENDER = -8 PSSSCR = -8
 Else initially set PSSSCR = 0
 then sum the code values of HAPPY1 to SUPPORT*

* For example if HAPPY1 is coded 1 add 1, if coded 2 add 2, and if coded 3 add 3.

Note: See Preliminary report on Health and Lifestyle Survey. publ by Health Promotion Research Trust. 1987

Variable name: SURGERYE
Variable label Ever had surgery? prox

Interview respondent (no proxy)	-11
Does not apply	-9
No answer	-8
Non-response to interview	-6
Yes	1
No	2

Variable name: SOCLNR
Variable label Social Class of HOH of non-responders

HOH-non-response	-8 00
Responder	-1 00
I	1 00
II	2 00
IIIN	3 00
IIIM	4 00
IV	5 00
V	6 00
FT Student	9 00

Variable name: CIGSMK1
Variable label Cigarette smoking status

No answer, does not know number of cigarettes smoked	-8 00
Non-response to interview or proxy interview	-6 00
20+ cigarettes a day	1 00
10-19 cigarettes a day	2 00
0-9 cigarettes a day	3 00
Ex-smoker	4 00
Nvr/occ smoked	5 00

Variable name: SOCPRHH 1
Variable label Social class of HOH proxy

Full-time student/Armed Forces/Never worked	-9
No answer/inadequate description	-8
Matrix blank, social class could not be derived	-7
Interview respondent (no proxy)	-5
I	1
II	2
III non-manual	3
III manual	4
IV	5
V	6

Variable name:SOCLPR1

Variable label:Social class of proxy

Full-time student/Armed Forces/Never worked	-9.00
No answer/inadequate description	-8.00
Full interview (no proxy)/Non response/Matrix blank	-5.00
I & II	1.00
III non-manual	2.00
III manual	3.00
IV & V	4.00

Variable name:CHOLEST1

Variable label:Tks lipid-lowrng med

Proxy	-10.00
No response to nurse	-7.00
No response to interview	-6.00
Inadequate blood	-5.00
Not possible to take blood	-4.00
Sample ref	-3.00
Not attempted	-2.00
Sample analysed	1.00

Variable name:EVERBPE

Variable label:Ever had high BP proxy

Interview respondent (no proxy)	-11
Non-response to interview	-6
Yes	1
Don't know	8
No	9

Variable name:DRKPROX

Variable label:drinking status-proxies

Full Interview response (no proxy)	-11.00
No answer	-8.00
Non-response to interview	-6.00
Drinker	1.00
Non-drinker	2.00

Variable name:HAEMO
Variable label Haemoglobin level

Proxy	-10 00
Non-response to nurse	-7 00
Non-response to interview	-6 00
Inadequate blood	-5 00
Not possible to take blood	-4 00
Sample refused	-3 00
Not attempted	-2 00

Variable name RESPGRP
Variable label:Response group

Proxy interview no response	-10 00
Non-response to nurse	-7 00
Attempted not obtained	-4 00
Sample refused	-3 00
Ineligible	-2 00
Sample obtained	1 00

Variable name.CHOLEST
Variable label:Cholesterol level

Proxy (no measurements)	-10 00
Non-response to nurse visit	-7 00
Non-response to interview & nurse	-6 00
Inadequate blood for analysis	-5 00
Not possible to take blood	-4 00
Blood sample refused	-3 00
Blood sample not attempted	-2 00

Variable name.XSIZEE
Variable label Number of employees (proxy)

DNA, never worked	-9
No proxy	-5
No answer	0
Empe, 1-24 emps	1
Empe, 25-499 emps	2
Empe, 500+ emps	3

Variable name:SOCLASPR

Variable label:Social class

DNA, never worked	-9
NA, inadequate description	-8
No proxy (including non-response)	-5
I	1
II	2
IIIN	3
IIIM	4
IV	5
V	6
FT student ie never	9

Variable name:SEGPRHH

Variable label:SEG of HOH

DNA, never worked	-9
Non-responder to interview	-6
No proxy interview	-5
No answer	0
Managers: large	2
Employers: small	3
Managers: small	4
Prof: employee	6
Int non-man anc	7
Junior non-man	9
Manual: foreman-sv	11
Skilled manual	12
Semi-skilled man	13
Unskilled man	14